

<210> 26418

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26418

aaaaaagatt tttaaagctt ttatgtwata ccatggagcc atagaaaggc tatggattgt	60
ttaagaacta ttttaaagtg ttccagaccc aaaaaggaaa aataaaaaaa aaggaatatt	120
tgtacccaac	130

<210> 26419

<211> 390

<212> DNA

<213> Homo sapiens

<400> 26419

atctttaata tycccttttc tgatttaagt taagaatagt tacttggcaa attataaaac	60
aagagtatag aaatggctct cttattttgg cgggtgcag tggctcatgc ctgtaatcct	120
atcactttgg gagcccgagg tgggoggatc acttgagccc aggaattcga gactaacctg	180
gtcagcatgg cgaggccctg tctctactaa aagtacaaaa attagctggt tgaggctgag	240
gcaggagaat cgcttgaacc cgggaggctg aggtttcagt gagccaaagt cacgccactg	300
cactgcactc cagcctgggc gatagagtga gactccatgt taaaaaaca acagacaaaa	360
agaaatggat ctctctcttt tttttttttt	390

<210> 26420

<211> 267

<212> DNA

<213> Homo sapiens

<400> 26420

tgtgtcttag ttttttttaa catggatgta attccatgta aacaggtatg gaagtaggag	60
tttaggctgg acttggtgka ttaattgact ttcttgggtt cttgggagtc aacattacta	120
aagcagtgtg aatccctggt ngcttcaggg cgagatgtgt gacagagggt gcatcaagct	180
cacagtccca accctccaac gatgggcgaa gatctcagga atggcatcgg tcacaggaaa	240
tcgatagtgg ctggctgcta gcatggc	267

<210> 26421

<211> 103

<212> DNA

<213> Homo sapiens

<400> 26421

tcaataaagg acagagagaa gtagaggaat ctgaaaaagt aggaagggga tcgctctttc	60
taacctccag gtcagtaagt attcatgaag ttctcgccgc ttc	103

<210> 26422

<211> 267

<212> DNA

<213> Homo sapiens

<400> 26422

tatagcttac tgcagccttg aactcccggg ctcatgatgat tttcttgcct tagcctccat	60
agctgggact accggcatgy accatgcctg gctaattttt tgaatttttt tttgtggaga	120

cagggtctgg ctgtgttgtc caggctgggc tcaaactcct gggctcaggt gatcctcttg 180
ccagattccc aaagtgttgg gacaggtgtg agccactgtg cctggccagt ttacaaaatt 240
ttaagtctta tttctagaga cttatct 267

<210> 26423
<211> 105
<212> DNA
<213> Homo sapiens

<400> 26423
tcactattac caattctgca acactttctt cactcccaag agaaacccca tactcattag 60
tcattctccc agccatagga aagggaacc agcccatcac atttg 105

<210> 26424
<211> 264
<212> DNA
<213> Homo sapiens

<400> 26424
cagcatatgt gataatatca aacagattca gatggtgaaa gtaaaatttc ttaatgagaa 60
ataacataat ttgaymtcat ttggatatgt tattaagttg ttgtaagata tgaagacgta 120
gctgttacta ctgccaatag tataaacttt ggattcagac ctactgtgtg ttgaatatwc 180
tctccacat cccacgagggt gggcaagcta ttcacatcat tgtcactacc gtcactacta 240
tcccrsccac ccttgcttca tttt 264

<210> 26425
<211> 262
<212> DNA
<213> Homo sapiens

<400> 26425
ttctctggaa gtatagactc atgccctttt tactttgctg tytgtctgca tatctattgg 60
tttttacatt cttaykcctt aaatttttct atcaggtgag ttcttagact gaaagtggct 120
taagcttttg tcagtaatat ttgtttgggt cttcattatg tgaagagttt ttggcacwga 180
gatgtataga ggagctgttg tgtgtattag tgtgtatcac gttgtattaa aattaactgt 240
ttacatattt ctcctccta tt 262

<210> 26426
<211> 231
<212> DNA
<213> Homo sapiens

<400> 26426
tcaaagtgtc tacatgataa taccccaatt tccagtcttt aattgattgt atacctcacg 60
taagtgtctg tcatcacttg atacctgtat ctggcactaa aacaaatgta gccggtcta 120
atgaaatttg aagtttggat aggagacatt gtaaaactca agaattggaa aaaaaaattt 180
taacagaagt atgtatgaag gaaatatttt aagtataatc tacccaaaga a 231

<210> 26427
<211> 139
<212> DNA
<213> Homo sapiens

<400> 26427

gggtttttca catatgtagg tattcatttt gagtaggttg aagaagaaaa aaaatattta 60
aatgaattga attcctgatg ggatagtatc aataagtatt taaaagccag tattctaaaa 120
ataataaagg gtagggagc 139

<210> 26428
<211> 371
<212> DNA
<213> Homo sapiens

<400> 26428
ttaagtgtag actkycccta tttaaggagc tgagctagga ttcattgtcat gggtattttaa 60
gtataaggag tgagtccaat ttttgtttct ttttggtcag aagagttagt tcctgttcaa 120
acccttgaat taaacaaatt cttccgcagt ttcctagtgt gtgtaactgg atatgagcct 180
attgtctctc agtggtagctg ctttgagaag agatccctta ggacagtgat ccttccattg 240
tgggccccac atcatcatca gcagcatctg ggtggggtcc tcaggactga attttactgt 300
ttgcagagtc ttcagttttg aaattcgata agccctccag taatctgatt cattaaagct 360
cgagaaccac a 371

<210> 26429
<211> 425
<212> DNA
<213> Homo sapiens

<400> 26429
tatatcttag gggttagctaa atgtatgcta ctatttcaat atggagctta aagagaataa 60
atattctccc aaaatacaaa agagtccctgt gggttatagta atccagcttt aagctttggg 120
gggttggttg tattaatgta gcaaattccag gcactaaaag tgggtcacttg gaaatattta 180
tttccattaa aaatatccaa catcaagggt gtgtgtctgg atatgtaagt gtttgttgtt 240
acagtagcag atttgtaatg tccagtactt tttttatttg cttcttgtgt actaactgca 300
agattgtggt taaggaatac agtgtctata tttcttaatt gtataacttc ttcattgara 360
tacgtgtttt atcttaaatt caaaagaaaa ctcctttttt ttgckttgta ggaattgctg 420
gttac 425

<210> 26430
<211> 422
<212> DNA
<213> Homo sapiens

<400> 26430
tataatatga gctcccatth actgatgatt tgtggtgcta ggccactatga taagcatttt 60
actaaacttt gatctctctt acccttacct cagccttgag agaacagtaa tgtaagttcc 120
atztatggat gaggatttgt tttttttaac agctataaaa cttgagattc agttgaagg 180
accaggaag aagcagagcc aggccatgg aactggaatg cccaggcttt ttttttacag 240
tgccagcctg tttccacagt aaatatggga caaggagcta tgaatcaatg tcataaccgt 300
atcaaaaaca tgtgaggacc agggattgtg acataagagc taacatttct tgagcactta 360
ccaagtgcta ggcactgttc taagtgtctt ckatatatta tcaaatcctc agagtaggcc 420
ar 422

<210> 26431
<211> 329
<212> DNA
<213> Homo sapiens

<400> 26431

004220 666750

cccccttcaa	tttggaata	aatttctgta	tatgttgcaa	ttttaggttt	aggtttggtc	60
tttttctttt	tcattaatcc	tctctcacct	cacagatacc	ccctcccatg	gcaaataata	120
taataaccag	tgaattttca	ggaattttaa	aattagcttt	tttccactta	aaggagaaaa	180
atatttgga	ctagcagcag	aggcagtaag	agatgtgaac	cttggtgagc	tctgatacag	240
tgagaagaga	ttatactcat	gaaagagaat	gttagtggtta	cagagaagca	gccgatagca	300
aatcgactgt	agagacttgg	cggcggcgt				329

<210> 26432
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 26432						
aatgtgtcta	gagggtttat	gacgtgctct	ctccatgtaa	gtactaacac	tctgggtgac	60
tgtgtaagag	gtgggtgtttg	tttggtgttt	agctcttcat	aaaccaacca	caggaagatg	120
tggtgacttg	atacagagcaa	atgcttgtgc	ggaatacttt	ttcaaaccat	tccttgggtg	180
tattagaacc	taaccataaa	caatatgaaa	agccccgaga			220

<210> 26433
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 26433						
cactctcccc	atttgtaaag	tagagataat	gatgtcttat	gaagtaggca	agacagattt	60
ttatgaggat	cataaaaaatc	tcagtaagat	gtgattaaag	atctatttat	gctaacaaaa	120
ggtgacatca	ttttaacaaa	aggtactgag	acttatttga	atcttgtcct	gtggcaaaga	180
tgaaaaattc	aagtgatatt	tattttattt	tttattttcg	agkcaggatc	tcaccctgtc	240
agccaggctg	gagtgcagtg	gcacaatcat	ggctcactgc	agctttgacc	tcacagactc	300
amatgatcct	cctgcctcca	tctcccaagt	agctgggact	acaggtgtga	gacgccactc	360
caggctaact	ttgaaaaaat	ttttgtagaa	atggggctct	actatgtttt	ttgggctggt	420
ctccaactcc	tgga					434

<210> 26434
 <211> 417
 <212> DNA
 <213> Homo sapiens

<400> 26434						
atacgtttta	atatatccac	atatagaaac	agtgtgtcat	taaaaattga	ggtagataca	60
tatgttaata	tgtgctgtat	ttttaagtga	aaaaaagtaa	gatgcacagc	agtgtggttc	120
ttgttgcat	tggcatatgt	atgttgtaga	aacatgcacc	tgaatgtgca	cacatgttat	180
gtctgcctcc	tccatttcc	ttggttggtt	cctgaasraa	tcataagava	tgaaatactg	240
gtcattggtc	actggctacc	ttttgggaat	aaaaatgagg	agatccttgt	ctttgacttt	300
tgacaacttg	accatgtgcc	ttggagagga	tctttttagg	ttgaatctat	ttgggagtat	360
ttgaacaccc	tggacctaga	tgectatctc	tttcccaaga	cttgggaatt	ttgggct	417

<210> 26435
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 26435						
cagatagtga	caaccagag	aatcaacaa	gactgtgatg	gggaaagccc	aggggggttt	60

tggaggaggc gcctggccca gcatgagaag aggattaggg agttcttcct gtaggagacg 120
acatctgaac tgagagctgt gggagg 146

<210> 26436
<211> 413
<212> DNA
<213> Homo sapiens

<400> 26436
tgaaataata atactaaca cagcattctc ttacctaatac acagtagtat tatctcatct 60
aacaataaat aatactttaa tatcatctaa taccctgatac atattcaaata ttctcccata 120
tatcaagaaa aagaatgcct ttttataaatt gttttgtttg ataaggattc cattaagggtc 180
gactcagtgt atttggttgt taagtctcta ttaaatagaga acattttctg cccccaccct 240
ttttgttgtt gttgtgcat tgacttgcta gagaaaatgg atcatgtttc ctgatgaatg 300
gatttggtg attacttcct taggttatgt tcctctgtct ctgatatatg ctatagattg 360
aragatataa aggcttgatt aaattcaggt ttaatttttt ttttcctttg caa 413

<210> 26437
<211> 209
<212> DNA
<213> Homo sapiens

<400> 26437
tgtcagggtt gtcaaagata agatagttgt agataatgtg gcattatttc tgagggtctt 60
gttctgttcc attggtctat atctctgttt tggtagcagt actatgctgt tttggttact 120
gtagccttgt agtatagttt gaagtcaggt agcgtgatgc ctccagcttt gttcttttgg 180
cttaggattg acttggaat gtgggctca 209

<210> 26438
<211> 192
<212> DNA
<213> Homo sapiens

<400> 26438
ccacatcagc cttctgagta gctggcacta cagatgtgta ccaccaggtc tggctaattt 60
tttaaaattt tttgtagaka gtgggtctca ctacattgcc cagggttctg ctggaactcc 120
aggcttcaac cagtcctccc gcctcagcct ctcaaagttc tgggattaca ggcaggagcc 180
actgcgcca ca 192

<210> 26439
<211> 364
<212> DNA
<213> Homo sapiens

<400> 26439
gcagttcggc ggcagtgccr ratccaaagt ctctcatct tcgggcacga cgcctttcag 60
ctctgcagca gctttgcctc cagggtcata cgcattccta gaggccagac acatgaggga 120
agacatggag tacataggcc tggactcagg tcggatccgc acaagacggc aaagctctgg 180
gagtgccacc aacgtcgct ctacacctga taaccggggc cgcagtcgag cttaaagtgg 240
ttcacagtcc cagcctggca gccggtcaag ttccccagga aaattgttgg gaagtgggta 300
tggtggactt actgggggct cctcacgagg cccacctgtg asaccgtctt cagaaaagtg 360
aagc 364

<210> 26440

<211> 309
<212> DNA
<213> Homo sapiens

<400> 26440
atagggctgc aacctgcccc tctcacaacc accaacatctt gcctttttct gaataaacat 60
atgtgctctg ggggttttta tgtcagtatt tagtctgcat acttccctag gagtcctggg 120
catggggtgg atcctggaac agatcagaaa tgccttttca gcagtgtctg tgggaatgtgt 180
gtktctttcc ttctctacta gggctccact tccctatata tgtctcttca cttccttact 240
ttcaggaact caccagctag gcagaagctg cttcctgcat agcccacttt ctatttgaag 300
cccaactgac 309

<210> 26441
<211> 386
<212> DNA
<213> Homo sapiens

<400> 26441
gtcaagcact ccacagttat ttcccccaatt ccccaacgca caccctcaaa atctgtctcc 60
ctttaagata ataccatgat gtcaatatca taacactcat atttcgaaag gttagtgtctg 120
tttaagacga aatgtgaatt agttgtcaag actttgtttg atgcctaata tgggatcatc 180
aacagaagggt ggtgggtgtg catcacaatt tgtgcatatc gcactaagtt gaaatccaat 240
atgatcaacg gaagactcca accacctgaa atttcattcg tgagtcattt tgtgcatatc 300
cctccaagcc tttattttat cctagggttga tcttcctctt gattaaatct tctttgacaa 360
tttagtactc gagtccatga cgacag 386

<210> 26442
<211> 242
<212> DNA
<213> Homo sapiens

<400> 26442
caaaaaaatg agctgggcat ggtgggtgcac gcctgtaatc ccagttactt gggaggctga 60
ggcaggagaa tcacttgaac ccgggaggca gaggatacag tgagccaaga tggcgctcact 120
gtactccagc ctgggtgaca gagcgagact ctgtctcaaa aaacaaacaa aaaaaaaaaa 180
cttgatttag aaatttttaa tgattaatgt cagaactcaa agttttaaatt ttacatgtgc 240
ca 242

<210> 26443
<211> 404
<212> DNA
<213> Homo sapiens

<400> 26443
attttttgaa ttggactgga cgcggtggct catgcctgta attaatccca gcaacttttg 60
gaggccaagg cggatggctt tagaccagcc tgggtaacat ggcaagacc catctctaaa 120
aacaaaaaaaa ggaagaaaaa agcaagctat ttaaaaaatg taaaagtata cttgaggatt 180
aaractgaaa cagatttttc cagctgactt gccaaatatg ctcaggtagc tgctgatttg 240
cctcatthaac aacctagaga ctgaagtggc aagaagaatc gaatatactc tgttctaacc 300
tttctgatgt ttgcttgta agtgggaaac ttaaaaattt ctactgtcca ctatagtagt 360
actttgaaaa ataagttttc tcccagcaca aaacccatgt cagc 404

<210> 26444
<211> 177

<212> DNA

<213> Homo sapiens

<400> 26444

atttttggag tctgatttgg gggcgggtgtg gttgtctcag tggcgtatga cccactttgt	60
gtaataactta attgcctgtg tttttacaac acaagtcaga agttctggcg atagtggact	120
atcacccaaa aaagattttc tgagacatct catcagagtt gctcgagtac cgcgctt	177

<210> 26445

<211> 266

<212> DNA

<213> Homo sapiens

<400> 26445

acactctttc ttagtgttct gcaaattgcac catgcaagct cccacctcag ggtcttcaca	60
tttgttatcc tttctgtkag gaacacttga ctcaggttct ccatagttag gtccttcac	120
tctctcttca ctcaaattgc atatcagaaa gccttccttg accacactct tgaagattac	180
agtcatttcc tcttctaatt ctcaccatcg tgtttcctac ttagtttttc tccatccagg	240
cctccggatc actctccatc ctactt	266

<210> 26446

<211> 423

<212> DNA

<213> Homo sapiens

<400> 26446

gattggttgt tcttaaaatc actgtccaca gagcaagtgt gctcatatgg gctccacctg	60
caaagggtgct gggtaccatt tgtcttctct caaacaaaat tcaagtctgg gttaacttcc	120
cacagatggg ttgacccaaa aactcactct caataagcaa ttgagaactg tcgtatctta	180
actccagtta gcatttatta agtttgcct ttttgtgtgc ttgcaaggct gcctggaacc	240
cccatcagta ctgcaagatt ttacttttct ttctttaaaa taaactccat gatagattaa	300
ataggatctg ttgctgcac ccctctggat aaatacatgt tgcattgggaa attggtcaac	360
tctttaagca ggctgatggc agtcagctgc tgaacctggg aggctgcgtg cttctgattt	420
cct	423

<210> 26447

<211> 120

<212> DNA

<213> Homo sapiens

<400> 26447

tcttttcttt cttcatgaty agacataaac ttagcatctt aatggaagaa aaatgagggg	60
aacttcaatt atgatttatt aaagmcaatt tctattacac cctcctttat gacawktgac	120

<210> 26448

<211> 292

<212> DNA

<213> Homo sapiens

<400> 26448

ttaaagactt aaatgtgaga cccagaactg taaaactact gggaagaaac ataggggaaa	60
cactctagca tattggctta ggcaaagatt ttatggctaa gaccctaaaa gcacaggctg	120
caaaacccaaa aatagacaaa tgggattatg ttaagctaaa aagcttctgc acagcaaatg	180
aaacaacaaa gtgaagagag aacccgttga atgggagaaa atatttgcaa aatatctgtc	240

004220"656E7560

tggtgacaag ggactaatat ccataatata caattccaac aactcaacag cc 292

<210> 26449

<211> 473

<212> DNA

<213> Homo sapiens

<400> 26449

tttaaataaa	cgaagggtaa	agttttcttt	aatcagtttt	gataattgaa	tcagtaattc	60
gaatagattt	tttcttggt	gagttgggt	ctacgcattt	gtgggccctt	gccagtggt	120
aagcttttgt	agttactgtt	tgcactactg	gtgctttggg	ggttttctgt	taaattgaca	180
gctcttacta	taagagacaa	agtcgaaaaa	aaaaatctta	ataaaaattg	acagatatca	240
ttatttgtga	cagatacagt	aaatttgaaa	attgccttca	cataacttta	taattagagg	300
actgagattt	tacattagga	atccaattaa	daaaaattag	ccggacataa	tggcctgtgc	360
gtgtagtcct	ggctagtcaa	tgggctgagg	caggaggatc	atctgggccc	gggagttgga	420
gactgtagt	agctatgatc	acaccactgs	actccctggg	caacagattg	aga	473

<210> 26450

<211> 423

<212> DNA

<213> Homo sapiens

<400> 26450

tagttacaaa	tgtttatact	tcaaagttgt	ctctcaggta	tttgacaatc	ctctccctca	60
ctagcctcat	tcatcttgg	aatagaagga	gattcctaga	tatcattgaa	cattttgagg	120
taaaatgaat	cataaaagag	catatatatc	aaatatat	tctatggcaa	tactgaagcc	180
cagataggtt	aagtgttctg	ctcagagtct	tttatctgtt	taatggcaaa	ccttaacta	240
gaccaggcc	tcccgagtcc	agtrsccttt	tcattatact	gttggtgaaga	ctgtgacttt	300
aggcactgaa	tggcataatg	aratcacaca	gttttgcatt	ccttatagaa	ggagggcact	360
ctgaacattg	tcagttgagt	aataactgcc	tatatatttc	gggacgtaac	aaatcctgga	420
aga						423

<210> 26451

<211> 389

<212> DNA

<213> Homo sapiens

<400> 26451

caaaaattcc	tttgcctat	gaacaccaa	aatttgagac	aggtctcagt	taatttagaa	60
agtttat	tttgcctat	gaacaccaa	aatttgagac	aggtctcagt	taatttagaa	120
atgtgcccaa	ggtggtcggg	gcacagcttg	gttttataca	ttttagggag	acacgagaca	180
tcaatcaata	tgtaagaaat	acattagttc	catccagaaa	ggtggagaca	gctcaaagca	240
aggccccccc	attggggact	tccagggtcac	atgtagggtga	gagagggatg	gttgcatctt	300
ttggagtttc	tgataagttt	ttccagaaga	ggcaatcaga	atatgcatct	atctctgtga	360
gctgagagat	gactttgaat	agaatggga				389

<210> 26452

<211> 422

<212> DNA

<213> Homo sapiens

<400> 26452

cataaaaatg	aaaatacatg	tttattat	agaaatggtt	agtgactggt	attgaagtat	60
tattcacact	tatgtttgta	ataatttatt	taaagaatgc	caacagttta	gcacactttt	120

gtaatctcta	gaacagttct	atacattaaa	aataaacatt	aaaaataaag	cagttccttt	180
aaacaactta	ctatgaaact	ataattgtta	atgaaataag	atattcctat	gtatacatta	240
gtatgattta	agggtatgaa	aaacagtgct	aaaatgtgga	gttaattgga	atgtgtgcag	300
ctgcatactc	actttctgtg	tttttatatt	tccttaccta	gttttaaaaa	tcatacacttt	360
tcggcacttc	agctagactt	atttcaatr	tatagattat	gattaatgaa	ggagcmgtca	420
ga						422

<210> 26453
 <211> 452
 <212> DNA
 <213> Homo sapiens

<400> 26453	
aaaagaagat	atgtttttaag
tacaaaaagt	ggaaaaaatg
agctggaagg	attgcttgag
tggattccag	cctggatgac
tctcagccac	acatggacag
aaaatgaaga	taataagagt
ataactgcaa	gcracaaggt
gcccaggaga	gggaaattct
	ctctgtagct
	gt
	60
	120
	180
	240
	300
	360
	420
	452

<210> 26454
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 26454	
aatccttata	ayagctcact
ttaacagggg	ttgacaaact
tgtrtgtttg	tttctttttc
gttgatcaa	aaacaaattc
tacatagttt	actctctgac
aggatggttt	cattattttc
catgtttacat	gttgatatag
	acatgctctg
	aaataaaggc
	cc
	60
	120
	180
	240
	300
	360
	402

<210> 26455
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 26455	
aaaagggtgta	tgwaacagas
actgcctcct	tgttgcaaac
tgccaaggga	tttgaacacg
atTTTTtTgct	agctattgac
tacaagcaga	c
	60
	120
	180
	240
	251

<210> 26456
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 26456

tacagttttc ttttgttctg aaagcagtca gaacatagcc atagtkacag aatgtgggtt 60
ttaaaaagca atctagacca gtgtcccttt cttagcatcc tactttgaca accaggcg 118

<210> 26457
<211> 450
<212> DNA
<213> Homo sapiens

<400> 26457
caggttggtc tgcagcctgg gcaaggggaa cagctcctgg cctctgagcc cagctgggtg 60
accactggaa aatatggaat atttcagtac gatggcccc tttgacttga tttaggagct 120
ctcagttgca tagaaagatc tgggtgagcac cttttcatcc ccagaaaagg agcacgtgaa 180
ttgagtcgcc tggcggtctc gtacgcgctc aggggaagctt agcttcttgg tgcccatcta 240
cgtgcactgg atgatttttc ttttgaacat tttgccccac tacactgttt tggggatagc 300
tgggttaagc aagttaaaga tatttacatt tatakkggaa ttttagcaac tttttttcag 360
gttaaataata taatttcaag tgcttttaat garcttattt ttaattggct agggagcaaa 420
aaataagtga gttctgcttt tagttagtta 450

<210> 26458
<211> 407
<212> DNA
<213> Homo sapiens

<400> 26458
taatccacc tcnaatagta gttctacaaa tcttgcagca agtagtyctg catctggttc 60
ctctgtgcc aagggtctcat cgtctgctc tgctcctggt attagccaga taagcactam 120
ctcttcttca ggattcagtg gtagtggttg agggcagAAC ccagcactg ggggcakktc 180
tgcggataga acgcaaggga acatakkctg ygggtggagac actgaycctg ggcagagctc 240
ttctcagccc tcacaggatg gacaagagag tgttacakwa agggagasaa taggaattcc 300
cacggagcct grstctgcag acagccatgc ccaccctcca gctgttgtea tttacatggt 360
ggaccggttc acgtatgctg cagaggagga ctccacttct gggaagc 407

<210> 26459
<211> 273
<212> DNA
<213> Homo sapiens

<400> 26459
tagcccagaa cyytctccga agcagaagag aaaggcaaat atctctttaa ggtactttgc 60
ttctccgasc tggagctttg tttaaactct ccagccggga agttgcaaga agctcgttg 120
cttttttagta gcttttagcca gaggttaagg cactgtccac agattgctct caggagtaga 180
ggagtcctta gtggctatct ctgctcacac cagaagcttc ctttctctct gtcctcttcc 240
cttctgcct gcccgcatc acttctgtct tgc 273

<210> 26460
<211> 354
<212> DNA
<213> Homo sapiens

<400> 26460
acctgtttat taaaatatat ttttacaaat atatttctaa ttagtttctt ggcaatctta 60
tgctacctat tttatgcaat ttaaagcatt attctgagga atccatggcc cataagaggt 120
taagaaatct tgctccaaag caagcgggtga cagactaact tccttagata cacattaaca 180
ctgtttcccc acccgatgcc acttcaccaa tctaagtctt ctttagagga actaaccacc 240

tgccgggctt gcaaaatcta atctaacgct tgcactgagt tcagtgaaaa tatattgggc 300
ccaaccaact ctatttagaa acgaaacaca tccaccatct agamstaagg gaga 354

<210> 26461
<211> 121
<212> DNA
<213> Homo sapiens

<400> 26461
aasgatttta tgyhtacttg aatgttcttt gaatgttcag atgcatatcc taactggatg 60
cttctcaagg ccttactgca tatttgtgtt gcatatttat gttagtgtgca ccagggccac 120
c 121

<210> 26462
<211> 237
<212> DNA
<213> Homo sapiens

<400> 26462
tttgagacas asycttgctc tgtcgccarg ctggaatgca stggcgtgag cagtcttggc 60
tcaactgcaac ctcgactcc ctggttcagg ctgttctcct gccccagcct cccgagtagc 120
kmggattaca ggcacgtgcc accatgacca gctaattttt gtatttttaa tacagasrgg 180
gttterscat gttggccagg atggtcttga tctcctgacc ttgtgatccg cccactg 237

<210> 26463
<211> 318
<212> DNA
<213> Homo sapiens

<400> 26463
cccttttata atatactttt ctacttttact ttatttgtaa tttatsagaa aaactgaaat 60
ctttccattg ctcacacat gtgaaagaat tggccaaggc aggaaaggac atccacaact 120
cgcttggttc tctgtgtctc ctcttttccc attcttctgg agtaagtcca gaatccatct 180
agtatttttc agtgagggtca ttgttggcat ttaagatcag gtaatttttg agactacact 240
gcaggagaaa tgcccccagg cctagtgtcca cctggaggga tggtagtgcc cgtagtctct 300
cccactctcc ccgactac 318

<210> 26464
<211> 186
<212> DNA
<213> Homo sapiens

<400> 26464
tttttagtaga gasagggttt caccatcttg gccaggctgg tcttgaactc ctgaccccg 60
gateccaccg cctcagcctc ccagcgtgct aggattatag gcgtgagcsa ctgtgcccg 120
ccagatattt tctacttaca gtgggtttta cctgacgtag cacatcataa gccaggggagc 180
atactg 186

<210> 26465
<211> 295
<212> DNA
<213> Homo sapiens

<400> 26465

aaaagaagag	ccctgtgtgt	ctggtaaata	tagacaaaa	agtcatatag	tcctgaaaga	60
cagattcacc	agggattcca	tctgttgatc	tgrtgakggk	ttttcactkg	agagtttctc	120
agggtgtcct	ggktctttgt	aagccacttt	tgtgtctgca	cagttatgca	caattcgggc	180
tgccattaaa	gcaaagagta	gctcctttcc	tgttcctctg	gccggaaaga	ccatttctga	240
aatttgctgc	ctgaaccaat	tgcccagaag	ctggagctgc	ccttggaacca	atgct	295

<210> 26466
 <211> 341
 <212> DNA
 <213> Homo sapiens

<400> 26466						
abccagacca	gtggacattg	gttctggagg	attcgggtgat	gtcgagcaka	aagaccatgg	60
gtttgagggtg	gcctccactt	cccctgaaga	cgagyccctt	ggsagtaacc	ccgagccaga	120
tgccaccmag	ttccaggaag	gtttgaggac	cttcgaccag	ctggacgcca	tatctagttt	180
gcccacaccc	agtgcacatc	ttgtgtccta	ctctactttc	ccaggttttg	tttctctggag	240
ggaccccaag	agtggctcct	ggtacgttga	gaccttgga	gacatctttg	agcagtgggc	300
tcactctgaa	gacctgcagt	ccctcctgct	tagggctcgt	a		341

<210> 26467
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 26467						
acagaatcaa	kacataccat	aaagtgggtg	acagtataac	tatagtgggg	ttattcatat	60
cactacagaa	gtaatatata	gatatacctg	kcrtwccct	gcccctgsst	cattttctas	120
tccatgctcc	cccct					135

<210> 26468
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 26468						
cttgaagaaa	tggtgacacc	tgaagaaaaa	gctttactct	atgaagcaat	tggttatagt	60
gaaacagcag	ttgatccaac	tttactaraa	acatttgaag	ccttgaagtt	ttttgtccac	120
ttgaaaagtr	kgtckatkg	tctaagagga	raatcatcaa	aaacctgagc	tggtagatat	180
tgtaatagaa	gaatttagca	ccttaattgt	gcaaagacca	ggagcacaag	caataaaatt	240
tgaaactaaa	atagattcat	ktnntatkac	tggcttacca	gataattcag	aaaaacccc	299

<210> 26469
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 26469						
attaaaatta	accaggcatg	gtgggtcatg	catgtagtcc	tagctacttg	ggaggctgag	60
gcgggaggat	catttgagcc	caggagttaa	aggctgcagt	gagctat		107

<210> 26470
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 26470
tgtgaagaaa aatagagaat aaatgggttac tgttttagag cgatatactc tgggaggagg 60
tagtatttga gaagagactt aaatggactg ggccgaat 98

<210> 26471
<211> 297
<212> DNA
<213> Homo sapiens

<400> 26471
taccgtgtag atgggtgttct cagcaggtga gagtcagact gcagaagcag gccagctcct 60
ctgtaagacc cacatgrrga tdacwgttgc cactgccakr ttaakgtkka kgttctcaca 120
cagagtcgcc accttcctct ctctactccc catcctgttc cgccttctga atcgagcat 180
caattgttga cttaagcagg caraaactca aactacattt gaataaagaa tttgtcagta 240
tctgcatttg twttagtctt ctgtatcaag agaggawccc aagcccctta tccagct 297

<210> 26472
<211> 240
<212> DNA
<213> Homo sapiens

<400> 26472
ctttgatcag tactcctcct gtttcatcac agccaaagggt tagtactcca gtagttaagc 60
aaggaccagt gtcacagtca gccacacagc agcctgtarc tgcctkacaa ngcarbbaag 120
gtcatgaacc tgtctctcct cgaagtcttc agcgtcaag tagccagaga agtccatcac 180
ctggtcccaa tcatacttct aatagtagta atgcatcaaa tgcaacagtt gtaccacttt 240

<210> 26473
<211> 56
<212> DNA
<213> Homo sapiens

<400> 26473
atgtgtgcaa aaggrnatct atataaggga agcagggctg gactgtagtt acagga 56

<210> 26474
<211> 157
<212> DNA
<213> Homo sapiens

<400> 26474
aattatgtgt tctttcatta tgtttttagt ggttaccag gataacaatg tgcattctga 60
aattgttaca gtctacctta ctttctagaa aagataaata aaataattga aattattcgt 120
cactttccag aaactgcaaa taccttataa caccctg 157

<210> 26475
<211> 284
<212> DNA
<213> Homo sapiens

<400> 26475
ttttgggtgag gagtatctta agatgatgtg taccagacac tgcccctcaa agtccagttg 60
tatcagtctc tttcaagtct gatctttttc tcagctttgt gtcagggtct tataaatgcc 120

tttaggggaa	aatttgtggt	ggtgatgggg	ttcatcttgc	ttatatccct	tctctgaggg	180
atcacagtcc	tatgctgtca	tccagtttcc	gaaaaaattt	gtttcatata	ttttgtccag	240
gtttctagtt	gtttatggct	cgtgggchta	gtttggtgag	cggt		284

<210> 26476

<211> 390

<212> DNA

<213> Homo sapiens

<400> 26476

cagtaccata	cctaagatta	tcattaataa	ttagtctggt	ggtagagaca	gctggttagga	60
tgccagaaca	ttaacctgaa	cagtaaaaga	ttcatttctgt	tttaaaaaca	aaaagcaggg	120
cattgtcccc	cctcagatac	tgaagtctag	aaactgaggc	cttgcccaca	cagagccaaa	180
acatcacttc	aaagaccttg	tcttatcaaa	gataaaaagta	ttcagccagc	ttaaaacatt	240
ttcaagtaaa	ggtgaggtat	acagacaaaag	agagattgat	tctaagcggt	gctactttatc	300
atgcanntgc	ttagacwttg	caaaacatac	agctcaagac	tcacccgctt	ttaggtacta	360
caagaaraca	ttaaaccagt	cagtcggtgt				390

<210> 26477

<211> 323

<212> DNA

<213> Homo sapiens

<400> 26477

tgccaagcag	atccgtcatt	aaagcaggaa	aaccaaatgc	tgattgggat	aacttaacct	60
ggctctattg	gcagaatgtg	tttgagtggg	gattgcttag	tagttgaaga	aaagcctata	120
tttcttcaaa	aatcatcaaa	gtagagaaaa	gggttgctta	acctaagatt	aaggtgcaaa	180
aagaaatatt	tattaccctt	aatgttttaa	gcgcactgct	cattaacaga	ctgtgtcgag	240
cctagaaaag	taggggaaat	aattttcgga	tcccaaaagc	tttattgaat	tgagagaaga	300
gctctacatg	aatcagaggg	gac				323

<210> 26478

<211> 318

<212> DNA

<213> Homo sapiens

<400> 26478

ctgcataata	gtacttcagt	catttgagtt	gataacctct	cagtttttct	ctagaggtcc	60
agtccttttt	tggggcatct	tcaggaacac	ttaatagctc	tactgatcct	caaacttgct	120
cttccttcac	cctctccttt	ccaaactctg	agaatataat	ttttacagga	aatataacac	180
ctccttttagg	tttaaactcag	ttgaacagag	tcagcaaadc	ttttgccttt	aatctatccc	240
agtccatggt	gcaaactgct	aattaatgtg	taatgtcatc	agcacgagga	gcaggtttat	300
ctgattctct	ccatgcat					318

<210> 26479

<211> 411

<212> DNA

<213> Homo sapiens

<400> 26479

gtttcataag	ttacaatgct	gctttttata	aaaaggcctg	atagaaaaag	tttgcatggg	60
tgtgtttgta	cgatatgatg	tatgtatatg	tgtgcatgtg	tgtgtawmtc	tccagactct	120
cccacaaaat	aattagatcc	cattatcaaa	gttggtgaac	tgctggataa	accctgcgag	180
tgaaattctt	tataagcagc	aagagaaaaat	caattattac	ttttgttaga	tgctgtgtat	240

tttgattaat gaagttctgc tgctgatata gacctttctt taaatgcagg tgaagatgct 300
 ttgatgccc tccctccatc tctccacact ccccccacctc ctgcaagcat agtctcattg 360
 aacattcaaa acctcctggc tccagtagcg gccatcctca ggacaggatc t 411

<210> 26480
 <211> 301
 <212> DNA
 <213> Homo sapiens

<400> 26480
 gtggaacctt tgttctttca ctctttgcaa taaatcttgc tgctgctcac tctttgggtc 60
 cacactgcct ttatgagctg taacactcac tgggaatgtc tgcagcttca ctctgaagc 120
 cagcgagacc acgaacccac caggaggaac aaacaactcc agacgcgcas cttaaagagct 180
 gtaacactca ccgcgaaggt ctgcagcttc actcctgagc cagccagacc acgaacccac 240
 cagaaggaag aaactccaaa cacatccgaa catcagaagg agcaaactcc tgacacgcca 300
 t 301

<210> 26481
 <211> 378
 <212> DNA
 <213> Homo sapiens

<400> 26481
 atcagctagt tcatgcttgc gttgaaagag tggctgcttg cgctgggtca tcaactgtgta 60
 gtattgggga tacttaggtg agaaaaaac ttaacgctag agacgttcac gcaactagtgg 120
 agaagccagg attgttgccc tagagttaca gtagataaaa gtacctcaga gaactgcggg 180
 ggctcccaac ctggacgctt gcaccggagt attaaatcca gctagagaat ggcatgtgca 240
 aagatacaga gcttttagaa gttgcctgca ttcttggcc ccttcctcac atcattccaa 300
 ccaacttcca tctttacamy cgwbtaactt cctgtaatag ctacagtyaa atgggcagct 360
 gaagatgatg atgatgat 378

<210> 26482
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 26482
 aattaaaaat gcacatttct gtctkkacaa gtactgcctt attactaact taaaggggtg 60
 tacttaattt acagtcttag tagcaggata garaaatata ttgtatcka tagccctgct 120
 aatgttaaat attgtgaata ttttcagttt ttctaagtag atagaaggaa aatgggtactt 180
 taatttatat ttactgatt actaatgaac atatttcaca aaagatgtgt taggggtttt 240
 cactggaaat 250

<210> 26483
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 26483
 atttttaact ttatttttaa aggtcatcat tcaagttttt ctkgtattta ggcaattcvk 60
 atttatgaga caatgtatta aacacacaca catacacaca cacacacaca cacacacaca 120
 cacacactca tdcatskaat tgggtgkaac cctga 155

<210> 26484

<211> 119
 <212> DNA
 <213> Homo sapiens

<400> 26484
 ttttcttaac cacctgacat atctttatctt actgcctaca aacctgtata gatccctttc 60
 tatagtataa gcactaagtt tagtgcagga actttgtttt actttgctac tcaacctct 119

<210> 26485
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 26485
 agctctgggm aaggagcccc agccctgaga ttcccaggtg tttccattcg gtgatcakca 60
 ctgaacaca 69

<210> 26486
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26486
 ctggctgtgg tttgtggggg aagcctcctt tctcttctca cttttttctg ctgagaacat 60
 tgggcacatt gagwctagca mgcccatctt gwarakgggg aaaggagat acagaaccag 120
 tgaccaactt ggtaagaggt gcagccatgc agtgctggaa ccccttgccc catctgtcct 180
 cttggcccac ttccatctgc ttccagcttg atgtctggca gggcaggggc ccaactgactt 240
 ccccgcatcc acccaactgcc tggccccata gctaccttct agtcctggmt aagccccgtg 300
 agacatctta agtttgtctt cagtgactct caacca 336

<210> 26487
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 26487
 akttccagtg gctcatttsg atgasaacta ccctctatkt tkaatattam aactacatcc 60
 aactcatcat tyagcctttg gttgtaca 88

<210> 26488
 <211> 109
 <212> DNA
 <213> Homo sapiens

<400> 26488
 agcaatactc acccagacag aagagaccac ggtaaagatc agctgacggc ctctgtggga 60
 acaaagacag ggaaagggga aatgagttca ccagaaacca acaggcaac 109

<210> 26489
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 26489

acaacagact agtttttaga gtaatggctc tttcacaaat aattgatagg aagcctgctt 60
tactacatac tagtatatta gtaatagagt agtttcttaa cattgcggga akwgca 116

<210> 26490
<211> 139
<212> DNA
<213> Homo sapiens

<400> 26490
agactcaaac acgatattac ccaagttcct gagactagag aagtgtataa gtctgaggac 60
agattagaaa gacttcaggw wattctaawg grwratttck gtacctggag agagagtta 120
ggcaaataac aatcagcct 139

<210> 26491
<211> 103
<212> DNA
<213> Homo sapiens

<400> 26491
acggctgaaa agatggtcag aaggggaaa gaggaagtga gaagaaagaa acagggaaat 60
gacagagtgt tgctcagtta cccaggcctg ggartgcaat ggc 103

<210> 26492
<211> 52
<212> DNA
<213> Homo sapiens

<400> 26492
tgtatTTTTg gbagagacgg ggtttcgcca tggtggccag gatggtctcg at 52

<210> 26493
<211> 52
<212> DNA
<213> Homo sapiens

<400> 26493
aaggaggcag aaagccaagc actgcatttt taggccaatc acatttacat ga 52

<210> 26494
<211> 198
<212> DNA
<213> Homo sapiens

<400> 26494
tctgtctggt tagtggtgac aggaagtggc aatagcacca ggtgctgggg aatggcctgt 60
gcgtggcact cgctggaaca gggatatgctg ggctaggagt ctgggggcaa cgtctcagtc 120
cacaagacgt cacacttgga ggacataggg acttggtggc tgcagttttt cacatttggg 180
agaatggaac acgggagc 198

<210> 26495
<211> 213
<212> DNA
<213> Homo sapiens

<400> 26495
catcagtttg ttttggttg ggttgcttg ttaaccctac agagtatact tgawgcttat 60
ttgcatcaac tgtattctgg agctgtaatt tttyaataac tagactctga kayatgtata 120
cattgtgggt catataggwa tcatccatag tccagtgcta gawcaatatg tatacataat 180
ccactcccca caaattatca ctcatattt ttt 213

<210> 26496
<211> 159
<212> DNA
<213> Homo sapiens

<400> 26496
agtgaataa actattctgt attttaggaa aaaaaatcta tgagtkkctca ttttaataaca 60
tatacatcat tatgtgccc aggtgtgtct caaactcctg gcctcaagca agccacccaa 120
agtgtctggga ttacaggcat aagccactrc acctgatcc 159

<210> 26497
<211> 357
<212> DNA
<213> Homo sapiens

<400> 26497
taggataatg gcttctagct gcagccatgt tgctgcaaag ggcatgattt cattatattt 60
aatggctgtg tagtattcca tgggtgtatat gtaccatttd cttcattcaa tkcaatattg 120
atggaracct aggttgattc tttgtctttg ttattgtgaa tagtgctcct graaatgtga 180
gtgtatgagt wgttttggtg taatgatttg tttccttttg gatataata tagtaatggg 240
attgctggat gaaatcgtgg ttctaagatc tttgmgaat ttccaaactg ctttccacag 300
tggttgaaat aatttacatt cccaccaaca atgtataagc attccctttt ctctgca 357

<210> 26498
<211> 154
<212> DNA
<213> Homo sapiens

<400> 26498
cagtaagact cagggagcct tataactcct cttaacatat gcttaccat gcttaaattc 60
tagggaagct gtatccacag ccctctgcat tgcagccatg agagctctca cgctttcaac 120
ccktccataa cctaakttag tcatttgggc ctca 154

<210> 26499
<211> 110
<212> DNA
<213> Homo sapiens

<400> 26499
atctcctgca cctcgtgatc cgcccgcctc ggccctccag ggtgctggga ttacaggcat 60
gagctgctgt gcccgccat caccagcaa taatttctaa cgkaatgatt 110

<210> 26500
<211> 156
<212> DNA
<213> Homo sapiens

<400> 26500

attctctatt atttatacct atggtaaaat ttgccagttt gaccatacaa ctaataactca 60
 cagggaatat atagagtcta gaagaaaata tacaggycc twaaaggctg ccctgccaac 120
 aaaaccataa cgcaggaaca aacatcaca ccatgc 156

<210> 26501
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 26501
 acacactgcg tgaaaactgct cagaatagag ccatgatctc aaccacgaaa tgggaactta 60
 gattttggag aaactaacgg ggacggactt ctttycytag scctgagtgt tgagcagtgt 120
 catgccttgg cgtttcagct cct 143

<210> 26502
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26502
 ttaattccac tgaaaagtcc aaccttaaaag gtacactgat ttatctttac aaataccaat 60
 tctggtggag cataatagca tgggttaaaac aamgkttctc cctaaatggc gacgatctac 120
 gggtcgga 128

<210> 26503
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 26503
 gagaactgcg tcccgctcgt cagaaacgcc tggtccttcg tcgtctccca gcctagcccc 60
 tgcccccttca gcggasgcct gcggagamac gggscgvmgc gctcttggga atgcgatcct 120
 aaaggcttgg gacttctggg gaagtggcgg cttttagccc ctgcgggagc cgagccgggc 180
 cgggggatgg 190

<210> 26504
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 26504
 ctctgactt caagcaatct gccaacctcg acctcccaaa gtgctgggat taaaggtgtg 60
 agccaccgca cctggccatc tcatacttcc acaattccat yctttgggtgc aagttctaca 120
 atatacatc tatatttgtc aagtataac ttccatgtaa cttataaaat acacataatt 180
 caggaagatt gtgctaaaat acatttaacc aataggagta tgccgtcaga atattttggc 240
 aaacaagggt tgt 253

<210> 26505
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 26505
 agataaggcc tgtaagtctt aaaaaaaaaa gtattcatgt gttaccaagc tcttgcaata 60

ttgattatta acaaaggctt tttcaactat gtgtawawtt scctagagck aatatgcagc 120
 tttattttct ttatgtgatc tgggtacctt tagtataaaa ttatgagtaa aatatcagaa 180
 gctgtttcag taagaaaggg cccct 205

<210> 26506
 <211> 172
 <212> DNA
 <213> Homo sapiens

<400> 26506
 ggtgatgcag cccaattgag cattggtgat tggccctgaa atatctggct tgcacttcac 60
 agggagtaaa gcaactgat gtcattggtt ccccatTTwa kgtgttttat ttgcagctca 120
 ccagttggtg tactcactga agaaatcatt aagttttttg taaaaatgcc aa 172

<210> 26507
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 26507
 caatgatagt tcatttccaa tttttagtta tttctaattt tcaatcaact cacatctctt 60
 tagaaaaatg ggggtcaata tattactttt tatcctgttg agaggataga aaaattataa 120
 cactttgact agtaagatag tacctaattg tcattctgac aaacactaaa tataaaagtg 180
 acatagttta aggaagaaaa ttctctcctt cctcttgccct tca 223

<210> 26508
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 26508
 attcaataaa aaggaagtat ttgttgccct aacatcagta ttggctattc agtttttaaaa 60
 aaggagttaa agagatgtta tttataggca rgcttcaaaa gaggaagaa tgatcagttt 120
 cattctctgt ttctagcata ttctgactcc ttctctcata ttacctcgca 170

<210> 26509
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 26509
 gaaaatatac taaattttat ttgagggtca ttctcttknn maaataatca taatagctat 60
 taaaagtttt catgtgagca tattttcttt aatttgtttc ataagctgtt ttgtaggada 120
 stgttacaaa aacatttgta cttggcgtga gcccgaggagg cggagcttgc agtgagtgga 180
 gatcgcgcca ctgcactcca tccagcctgg gg 212

<210> 26510
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 26510
 cgtaattata gaagaggagg aaacaatgta aaaaggggcaa agaagaaata gctcattacg 60
 gtaaaaactga tatatattaa tcaatgraat gtttaatgtt gaaggtaaaa cagtatgtag 120

actattttaa tcattccatt gtcagggacc cactgggcca acttcaataa gccatttgct 180
 atttaacat tttaggctat aagtttttca ctgaaaaca aaaatgtctg ttctttactc 240
 attatatgtg gcc 253

<210> 26511
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 26511
 atgatgccac attatctcta aattgagcct ggcttatagt aaactctata agtgagactg 60
 cccttcatct tttcctaaag atacaacttc tagtacagaa tattaatcat ctataggctg 120
 aggctaatac tgagattaac cttctgggtt cttcctggag ttcatccag gagtatgccc 180
 tgggcctcac atgnggatga gatggggctt ttgcctcaa aggtttgttc ttatttggtc 240
 tatttgagac agaggcgc 258

<210> 26512
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 26512
 tttatatgac tggcagtgca gcagtagttt catcaccaca tacatgtgag taatgtgttg 60
 tactgcggta tgatgtcagc tacagagtca ctaggtgata ggaatttttc agtccatta 120
 taatcttatg ggac 134

<210> 26513
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 26513
 acaagtgtgc tgctccttcg aatgccagcc tgcaagagga cctccggggc tccggggcga 60
 ccccggtttt gagggmgaac gaggcaagcc ggggctccca ggagmgamgg gagaagccgg 120
 agatcctgga akaccggggg acctcgacc tgtssggtac caggmatga asgata 176

<210> 26514
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 26514
 ccagcagcaa ctgttcaccc agagacatag tgcttagcat gagcttgatg gattcaaacc 60
 actgggttta tcattactac atagatcttt gaaaagacag gctgcaaatac ttgtttctaa 120
 gctgtgacta gctattatta tgtcaatttg aagaacagaa gtaaaatcaa tccagattca 180
 aaaaaagaca ctctt 195

<210> 26515
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 26515
 caagccatta tayatttcac tttggatagt ttatttacgg aatagcctaa aattgagaag 60

gaaaattata	tctatgatgc	aaagccagta	atactatggg	tttaagtga	atagtaaata	120
tatatggct	gacccacact	gcaccaggca	ctatgggtaa	tgtaaaagaa	acatagtgcc	180
accctaaagg	aagaactctc	ctctgtgaag	atcatgtgag	tacagtaaac	agtacaagac	240
agtgggcaat	tymmtattgm	attacacaga	acagacttaa	agtgctaaga	actataaaga	300
maggagagc						310

<210> 26516
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 26516						
taggttttct	atattcttaa	tttttttctt	tttttgcttc	tttcatcagt	tgctatgaga	60
aagaagtgtt	gaattttttc	aactataatt	gtgaatttgc	ctgtttcccc	atttagtcct	120
gttggttgtt	gctttatctc	ttctctaaaa	ctatatttta	actgactttt	actgattttg	180
aaatggattt	tttckttagg	awwacaaagt	gttaaaatgt	aaaccaacca	gagataattt	240
tagtgagcag	tggtgaattg	agccttcaaa	cttgttcatg	agtcgtgatc	aatctttgtc	300
acattattat	actaaaaact	atctcagaga	ggaratttat	agccaga		347

<210> 26517
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 26517						
atTTTTTTta	gcbttatgat	gaatttggtt	gaagggcatt	ttctttatga	acaaaggctt	60
ggatgcata	tcctttcttt	ctgtgaatgg	gtattattcc	ctgaggaaag	ttgcacagt	120
aaaaccagtc	tggttgtgac	catk				144

<210> 26518
 <211> 311
 <212> DNA
 <213> Homo sapiens

<400> 26518						
cacttactat	gnctttttcca	agggcattga	ccacaaaaag	agtgatgaca	ggacacttgt	60
ggaccgaatc	ttggagccgc	agkwtgtcgt	ccggttcgga	gtcttcctct	acacgttggg	120
ctgcgtctgt	gccgcttgcc	tctactacct	gtccccctctg	aaactggagc	acttggtctct	180
tatctacttt	ggaggcctgt	ctggctcctt	tctctacaca	ggaggaattg	gattcaagta	240
cgtggctctg	ggagacctca	tcctcctcat	cacttttggc	ccgctggctg	tgatgttcgc	300
ctaogccccg	c					311

<210> 26519
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 26519						
ctgacacagc	cgcttgggt	aagttaccta	aactgagcct	tagtttctcc	atctgtaaaa	60
tagtataatg	aagataatga	tgtagataaa	tacttagtag	ggtatctggt	gcstaagagg	120
tactcagtga	acttttcttt	ccctgcctag	gtttaaatta	gaaaagmmaa	aggtcaaatt	180
aggmstcttt	tagtaagccc	aagtgaacca	tagcatgaga	aatagggtgt	aaaagcactg	240
agaaaaatct	tgcattttcc	tctgaaaggc	acactattag	catagtataa	gttcccagca	300
gcactggaaa	aatgacacac	a				321

<210> 26520

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26520

ctcagcgtgg cawaattcca tagataagtt ttctgtagtc actgtctcca gttccttacc	60
tttcattctc ctgtaagtct actccagtca tgcttttgct tcattcaatc cactgaaact	120
tctcttgta agaacacctg tgatgcctg	149

<210> 26521

<211> 304

<212> DNA

<213> Homo sapiens

<400> 26521

cagagatcct aactctacac tccgagaact gctggtagaa agtattcagc ctacaatctg	60
gcacacataa attgcccaat acatggaagc tgattgttat tattgttgct aataaaaact	120
tatttaattgg aaagagaaaa ggtaaattctt ccaagggtatt tgcctcatta aattccgggtg	180
aatgattacc taacaaaatt gttttcagaa aaggataatt taaacttggg tttttctggg	240
catattttat agctactatt actatccatt cttttttttt gttttttttt tttttttttt	300
tttt	304

<210> 26522

<211> 184

<212> DNA

<213> Homo sapiens

<400> 26522

aacaaaacaa agttgacttw kaagakaagg atgaaccttg cttgatccac aatctcaggt	60
ttcctgatgc atggctaatt acatccaaaa cagaggtaat gttattaaat ccatatagag	120
tagaagaagc cctgctatatt araagacttc ttgagaatca taaacttcct gcagagccac	180
atgg	184

<210> 26523

<211> 253

<212> DNA

<213> Homo sapiens

<400> 26523

tgtcctcggt aaggaaatac taatcaaaat gataatgaaa taccacttca catccattag	60
gatggctgta atcacaaaga cagccagtra taaatattgg caagatgtrg agaaattagt	120
atattgctga taggaatgta agatggtaca gacactccaa aaaacacttc ctcaaaatac	180
taaaccatgt gaccagaaa tctcactcca aagtatatat gaatgaatga vataaaaaa	240
tatgtccaca tgt	253

<210> 26524

<211> 464

<212> DNA

<213> Homo sapiens

<400> 26524

cacattaact ggsaagaact tctggctcga aagggtggagc ccccttttaa acctctgttg	60
--	----

gtaagtatac	atgaaagtgt	ataattgggt	gcagtggctc	acgcctgtaa	tccccaaact	120
ttgaagggcc	aggggtgggag	gattgtttga	ggccgggag	tcgggaccag	cgtgggcggc	180
atggcaagac	tccatatcta	cagaacattt	aaagggtggc	tgggtgtggc	ggcttgtgcc	240
tgtaatccc	agctacttgc	aaggctgagg	cgggaggatc	gcttgatatt	tttttagaat	300
aagaaaaatc	tcagagcaga	cagaaacatt	atttttatta	gcagtkcaaa	gatctctggt	360
ctatcctctc	cagcatcttt	attttatatt	attttgagat	ggggtctcac	tctgtcaccc	420
aggatggagt	bcagcagcac	gatcacagtt	caatgcagcc	ttga		464

<210> 26525

<211> 218

<212> DNA

<213> Homo sapiens

<400> 26525

gtggaacctt	tgttctttca	ctctttgcaa	taaatcttrc	tgckgctcac	tctttgggtc	60
cacactgcct	ttatgagctg	taacactcac	tgggaatgtc	tgagcttca	ctcctgaagc	120
cagcgagacc	acgaaccac	cakgaggaac	aaacaactcc	agacgcgcag	cttaagagct	180
gtaacactca	ccgcgaaggt	ctgcagcttc	actcctga			218

<210> 26526

<211> 244

<212> DNA

<213> Homo sapiens

<400> 26526

atgatatgat	gttaggttag	aaaatcagaa	ttaaaaattt	taattacatt	ctgattttgt	60
tgtgaataag	aattaaatgt	gagccgtaaa	aaaatgaatg	acagcatttg	gtatgttaga	120
atggtgaaat	agtagaatyy	gyytttatyy	tgtttattgt	agtcgtggtg	tgtgttcatt	180
taagaaattt	ggagaacacc	tgttaataag	tgatcttgag	tagttttaac	atttaggagg	240
aagc						244

<210> 26527

<211> 145

<212> DNA

<213> Homo sapiens

<400> 26527

ttttagtaga	gacaggggtt	caccatgttg	gccaggatgg	tctcgatctc	ctgacctcgt	60
gatctgccc	cctcagcctc	ccaaagtgtc	gggattacag	gcttgagcca	ccgcgcccgg	120
ccggtcattc	attcttgcaa	caagc				145

<210> 26528

<211> 359

<212> DNA

<213> Homo sapiens

<400> 26528

catgtaatct	yctgtctctk	acacacttca	ctggagcatc	ctgtctcctt	tgcaactata	60
actcttttta	gtatttgctt	taacattgat	tgaaatacct	ataatgtgct	tgggtgtacct	120
accacagtag	atagtgtgga	acataataaa	gtatgaaata	tgggtctcca	tcatgaaggg	180
gcatacagtt	ggactttgtt	aagtctgtaa	gcattggctga	maaaaaatca	catactcctg	240
tgtgttgtag	aaaatgggtat	gggtgtgagg	cttatatgag	tttaggaaag	gaagggttct	300
gtgttgtaata	gamtamragg	aagaacttct	tarmggttma	acccatcgta	gatcctgaa	359

SECRET

```
<210> 26530
<211> 149
<212> DNA
<213> Homo sapiens
```

```
<210> 26531
<211> 204
<212> DNA
<213> Homo sapiens
```

```
<210> 26532
<211> 458
<212> DNA
<213> Homo sapiens
```

```
<210> 26533
<211> 408
<212> DNA
<213> Homo sapiens
```

atgagacttt	taggcttaat	ttcttctagg	cttatatact	ggatatagggg	ggagtatttc	120
ctcccttttt	ctttctctct	gtatagaaat	ttccatttct	gtttgtgact	tgtttgat	180
tccagctttt	tcattgtgct	ttgattttca	tcttcttcc	catttaggct	tagtggttag	240
aaatcttgct	tttaattgaa	tctcaaagt	gttaagtttt	tgatattttg	cgttttcctg	300
tccaacagg	agggtttgca	tctgtaggta	cactgaaatc	tttaataatg	aacttgggtt	360
taaagagaaa	ttgaattaaa	ttcttgagtb	atttcagaag	tygtaaca		408

<210> 26534
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 26534	
cattcatggt	atgtcgatcc
agagtctcac	actgttgctc
tccacctcct	gggttcaagt
gcgtgcacca	ccatgcctgg
ttggccaggc	tggtcttgaa
actgggatta	taggtgttag
ca	

<210> 26535
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 26535	
cagctcctag	cctcctccac
cttcaaacc	tgtgcccctc
cttcaaacc	tggttccttg
	gccacccat

<210> 26536
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 26536	
ctaagctcct	ctgggttagag
ctctctactc	atccaccctt
ctcattctca	gtgacaggga

<210> 26537
 <211> 403
 <212> DNA
 <213> Homo sapiens

<400> 26537	
cattaaattg	gaaaatatgt
tctcaccact	aaagaaaaat
tgcccagttc	cctttgcagc
gctggatttc	tcttgccagg
taattttaat	tagcacgtca
ctgctgtttg	ctgtttgtaa
cctgggcact	ttgttaacag

<210> 26538
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 26538
 ttgacaaag agatagaaag tataaaatag taccaaatac acatcaaaga tgtgaaaaat 60
 actgtaactg aactaaaaaa attcaatgga ggtattcaac agcagattca atgaagcaga 120
 agaaaggatc gatgaaatca aagacaggtc acc 153

<210> 26539
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 26539
 taatttggtg tttaaataata tottaataat acgtatatgt ataaaaatat gggacgactt 60
 ggggcctctg ctagtgggaa tgtgcattgg tacatccttt atagaaatca tttatcatt 120
 gtgaatcaag gaccttaaaa aattaattct cagtaattgt accagacacc 170

<210> 26540
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 26540
 tttgtgaaac attcccttat tgaagcaata actgaaagtt tccagtttac tgccatattt 60
 gggtaaatgt gttttcttgt taaaatagtt tatctcagac tgtaactaa tttttttttt 120
 ttttt 125

<210> 26541
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 26541
 ttagatttct ttttcagttt attcaagtaa tgaatatttg caagtacagc aagcagatta 60
 cttcccatte tttgctgttg tattattatt atgaagttta cattgccttg gctttcttca 120
 ttttcaaata atgaccttga gtgatctttt tttcatttag gtttatagat acctgtgcac 180
 atgtttttat gatattcttt tttttttttt tt 212

<210> 26542
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 26542
 gcacccccaa gctgccactg cagcagtcag agtggcagct gaaggctcgg ttcattgccgt 60
 gccctcgggc agttctgggt aggcataagca agaggcctct gcattcttgac acctaggaga 120
 gcagggacgg agtctcccka ggtggaggac catgctgcgc cgcaagccct ccaatgccag 180
 tgagaaggag ctttc 195

<210> 26543
 <211> 58

<212> DNA

<213> Homo sapiens

<400> 26543

actctgggag ggagacagca gcaactaagc tgtacaaggt tttttttttt tttttttt 58

<210> 26544

<211> 107

<212> DNA

<213> Homo sapiens

<400> 26544

ctgaactgtg agtcagttga acctcttccc tttgtgaatt acccagtcac aggtacatct 60
ttattagcaa tgtgagaatg tactaataca cctgacttcc ttttttt 107

<210> 26545

<211> 433

<212> DNA

<213> Homo sapiens

<400> 26545

ctcagaagka wtagttccag cttttgctca tccagtatga tgtctgtggg ttggtttag 60
atggctctta ttattttgag atatgttcc ttgataccta gtctgttgag gggttttatc 120
atgagggatg ttggatttta tccgtattca ataaatgggtg ttgggatarg ggggcgrggg 180
ggrtgcagaa gaatgaaact ggacccccca cctttcaccg tatatgaaaa ttaactcaag 240
atggattaaa gattttaaag taagacctca aactgtaaaa atcctagaag araacctagg 300
arataccctt atcaacatca gccttgcaa agaacttttg gctaagtccc caaaggcaat 360
tgcaacaraa cagaaattgg cagtggggac ctaattaaag cactctgcac wgcaaagaca 420
ctatcgacag agt 433

<210> 26546

<211> 187

<212> DNA

<213> Homo sapiens

<400> 26546

ttatttgagc agaggtgttt atagtattct ctgatggtag tttgtatttc tgtgggatcg 60
gtggtgatat cccctttatc attttttatg ttttattttt atttatttat ttttgagaca 120
gtctcgctct gtcaccagc ctagagtgcc atggcacgat ctcagctcac tgcaagctcc 180
gcccccc 187

<210> 26547

<211> 294

<212> DNA

<213> Homo sapiens

<400> 26547

cagtatagcc atgattttta ttggaatttc aactatgttt gcattaaactt agatttatta 60
cttctaaaca tttgagaaca gacatttgta gtgaatgtta aacatgacat ttgacatgag 120
taccatacca tatacatttt aatgtatatg cagatttaga gaaggtaagt gatgaccaca 180
ggatgtctac tgtctttgaa tctgatggat atatttttga aactctaatt tttatacctt 240
ttacttttat gtgagagagg gtgaaatctt attgtggtgt ttttccccca ccct 294

<210> 26548

<211> 112

<212> DNA

<213> Homo sapiens

<400> 26548

acccttagcc tgaatttttt cttttcagtt ggcagttcga aataacataa aggaaaattc 60
tgtaaattcct ctttatcttt tcattattct cattccctac ccggtggtcc tc 112

<210> 26549

<211> 198

<212> DNA

<213> Homo sapiens

<400> 26549

atgtagaaca gtgggggtatt tggcaataga gctgggcttg ggggttcagaa gatgtaaaag 60
ctgagatggg gttgttgaag attaaggggt tgctttgaga actgggatgt taggaagctc 120
acctcactgg ggcgggggga cccaaagggg gaaggggacac cgactatttt ttattttatt 180
tatttgtttt gagaggca 198

<210> 26550

<211> 181

<212> DNA

<213> Homo sapiens

<400> 26550

ataaaatagc cctreccctc tggtttatct cakcaaakag cagtgccag cccagctcak 60
aggggcaaatg ggacagatcc casavgcctt gkgargtct ctgctgctsa tsaagctgag 120
accaaacgca cccaaccctt ggcagccatc tgteccctgw kccatagccc acattcccat 180
g 181

<210> 26551

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26551

acaaatcccc aactttcttc gagccttggc tgggtttcct gccgtgtctc tctgcattgc 60
cctgaatctc tccccattct cgggctcttt ctttccctt ctgccccact gacctatggg 120
cctcacctgg ccggtgact ctgtgtccgc ttc 153

<210> 26552

<211> 128

<212> DNA

<213> Homo sapiens

<400> 26552

atgaccgtta caatctgcga gatgatggct ggcagcattt tgccaatagc ctgaggcata 60
atgatataga ccatgatttg tacaggggta aaaccctgtg acaaaccagc ttcgggtctgg 120
cccggtcc 128

<210> 26553

<211> 266

<212> DNA

<213> Homo sapiens

<400> 26553

gtcatttcaa	tacccaaaga	aagacaagtg	acaggggcaa	tggatctcag	gctctgagat	60
aagtatatca	gatgacactg	gtggctctaa	ggatattgca	attaagcagc	tacctgtagc	120
caggtattct	gctgctcttg	gccttttccc	acgcctcgtc	tcgtgtcttc	tccgaaagac	180
cttgggaagat	aggcctggaa	gagactgttg	atgccacttt	gaagaaaaga	acactgagaa	240
ctagaggagg	gawyactttg	cccatg				266

<210> 26554

<211> 221

<212> DNA

<213> Homo sapiens

<400> 26554

aaagatat	taaaaattgc	ctttcattca	tacttcatcc	cttaatcttc	tgactcaatc	60
tctttggcag	cttagagtgt	agtatgatgt	cagtgaccca	catataagac	cttaattata	120
ggcatacctc	agagatactg	taggtttggt	tctagaccac	tacaataaag	caaatatctc	180
aataaagcaa	gtcactagaa	ttttgtttat	ttccccaaaa	c		221

<210> 26555

<211> 454

<212> DNA

<213> Homo sapiens

<400> 26555

atatttcttt	taatatgttt	ttagattatt	ttggaaggca	gggggaatcc	tgtttgctca	60
agggacaaaa	tttgagaaga	tacacaggac	agccctcagt	gacttcttgg	ccaactagag	120
tgtagtgggc	ggttaggggtg	gctgatagga	tatagtgtgg	ctgagaagga	aacaaaccgt	180
tgcccttgag	gagaccaggt	ggattcctag	tattgtactt	ctctatcaat	cacagggtatt	240
tccatttcct	tcttagattt	tgatttagta	tatttagagg	aattgagcta	gagctgataa	300
gatttttctg	cgtttgcat	tccttgaaat	tagattggcc	tctaaccagt	catgtaacac	360
atcttccct	cttcttcktc	ctcktttaca	cattgaggga	aaacatgatt	tctcaaaaaa	420
tttaactttt	gattgatctc	ctattgaatt	gcac			454

<210> 26556

<211> 247

<212> DNA

<213> Homo sapiens

<400> 26556

atctaacatc	tsrgccctgc	tgtccttttt	ctgtttcccc	tggacatcaa	aaccactttt	60
taaccattcc	tgccaatcca	tcccagggtg	actgcaccct	gacagtcagg	tctggccatg	120
acctgcacac	ggtggctctc	catcgactt	gggtcagtga	ctcaagtccc	cagcatggca	180
gtsatgggct	tgcaogactg	ggctgcctct	ctgtttctcc	cagcatctaa	atatccccctt	240
ccccatg						247

<210> 26557

<211> 252

<212> DNA

<213> Homo sapiens

<400> 26557

tggaagtgtt	ataggttttc	ctaaatagca	tacaagtata	tccagtgcc	gattaggtga	60
ttgctaaggc	tctattttcc	tgtagagcag	catgtcttaa	aatgtggcct	gtgcaccagt	120

accagtccaa aagactttta aaaaaatcaa tccatgatgt gagaaataca aaaactgaga 180
gcaagcattt agaaatgtgt atagcagttt gactccaggc atgtcactgt ggacacatct 240
cattgaactg gg 252

<210> 26558
<211> 252
<212> DNA
<213> Homo sapiens

<400> 26558
gagcccaaaa tgctaaataa ttctattgtt attaacaatt gaatcaacta tttaaaaagt 60
tggtatgaaa gtaataacat actttgaacc ttttcaactc ttctggaatt actcccacat 120
ttctaaatat tcttaattta ctttttaaga gatggtgtct tgctttgtcg cccaggggtg 180
agtgtggtgt tgcagtcata gtccactgct gccacgaatt cctgggctca aactattctc 240
ccgctgaagc aa 252

<210> 26559
<211> 224
<212> DNA
<213> Homo sapiens

<400> 26559
caataacaaa cagaaagctg ggagttgggt gtctggcaag gattttggac acaggcttag 60
gagcattggg ggcccaggaa agagtttaac cttaagggtc catctcttaa tacagtcacg 120
ttggcggtta agtttcagca tatgaatttt caggacatgg accattggca gacacattca 180
gtgtgagatg cctgacgctg ggagtcagtt gagtacggag gcaa 224

<210> 26560
<211> 235
<212> DNA
<213> Homo sapiens

<400> 26560
ttgagataat gttagattta catgcagtag ttagaagtaa tacaaactgt tgtactctgt 60
ggatctgttg tactctttgc ctggtttcct cagtgggtaca tcttgcaaaa ctatagtacg 120
tcattacaac gaggatattg acaatgacag agtcaatata cagaacagtt ctgccaccag 180
agattccttg tgctgcattt ttatagccac attgaccttc ttctcacc ccaat 235

<210> 26561
<211> 212
<212> DNA
<213> Homo sapiens

<400> 26561
atcaaagat tatattatac atgtcttcac attgccatct gcagtgtagc tattgctttc 60
gtttctggag gctactggat cacctcatct ctgcactttc tcttctgcta ctatatcttt 120
cttgaatttg ttggtctaaa taggtacctg gtggaatgca catggcccat atcatgtttg 180
accatgtttg tgaagtcttc ttgacccgcc ct 212

<210> 26562
<211> 403
<212> DNA
<213> Homo sapiens

<400> 26562
tattcatcac aataggaggg tgtttttattc ttcactaaaa tacaagatgt tcttgtgaat 60
caaataactg gaagaatcaa gcccctacaa agggcaaaat gccaggaagc ttcaaacatt 120
ttatgagggc aggttgggta gaattggatc ccatcagata actagagatc ttttatctgc 180
catgaataat tcatgacttc taagtcaata aatattgtta aaaacgatga tgcttttcat 240
aaatgcaaaa gaccactgtc atttatgggt gctatgtttt cattctgtaa ctgattattc 300
agaattacat gatgatgggt ctttttggat gaatgattgg cacacatagc tttgatgaag 360
aactggaac tttaccatac agtttttctca ggtcattttt tca 403

<210> 26563
<211> 350
<212> DNA
<213> Homo sapiens

<400> 26563
attattaaaa cgtaaaaaatt aactttaaga aagctaagtg tatttctcct tgagtgatca 60
tgccttttgct tagaaaacat taaggcaaca ataattttcc aacacccttt attttcttga 120
agatagtttt aacaaaagct gtgcttaggg gttttcctag aagtttataaa cttctactaa 180
tccttactgt tcttctttga gaaccctcca ggattttatt tatttatttt acacstttca 240
aaagcataga gacaaaaccc ggcaactggc atataatact atattagtct gaggkatcca 300
gaggacaaga tacacacaca cacacacaca cacacacaca cacacacaca 350

<210> 26564
<211> 211
<212> DNA
<213> Homo sapiens

<400> 26564
cactgctttt taagctgaat cttagctggg tttcttgaac tttgacttta ggtgtaaaaa 60
ttcaaccaga cattctctcc ttactgtggg cagctgacat cataaccact aaggcttaat 120
gagcttaact tgcactttca tcactagcaa aggtcttgaa gttatttctc ttactgattc 180
ataatgggtg tgtgtatgaa tcactctcac c 211

<210> 26565
<211> 170
<212> DNA
<213> Homo sapiens

<400> 26565
cataaacaga tgactttcar atcccttgwk tctataagcc actaactaca aaactcctag 60
attaaagcag aaactataaa gamaattatt aagtgtctaa aggtaaatca caatgacaaa 120
ataatatgca aaaatttctg ggatgtagct aaaccagact gtagggbgcg 170

<210> 26566
<211> 195
<212> DNA
<213> Homo sapiens

<400> 26566
caaggtaatg ttggtttcat gagtyagaaa gtactccctc ctcttttatt ttctggaaaa 60
cattgtgtag aactgggtgtt atttcttctc taaatgctta gtagaattta ccagtaaaac 120
tatctgagac tggagatttc cattttggaa gatttttaac cacaaattca atttcttaaa 180
caattacagg actat 195

<210> 26567
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26567
 acttcctgac tccttttcctt tttccagtgg ttatcgcggc gccacccggc ctctgatctc 60
 tgagtcttct ccaaccacac gacgtttttt gttgctctgg ttccaggacc ttctccacaa 120
 ctaggccatt ttccctgcca ggtgtccttt ttgacctctt gacctctgac tcaaagggtca 180
 gctcaaagggt tccgaactcg ggcctgggat gtgaggggggt actgaacctt agttctccga 240
 atcttttagcc ctgggtccct aagtcgcac ctttaaggcac ctcaactctag atctgagcct 300
 tcataatccca aactcactca tgagtktcca catcca 336

<210> 26568
 <211> 70
 <212> DNA
 <213> Homo sapiens

<400> 26568
 agtcttcatg aagtagwagg tgaaaatatt cttccagggt aagcycygat gcagagratg 60
 gtgtaagaat 70

<210> 26569
 <211> 440
 <212> DNA
 <213> Homo sapiens

<400> 26569
 cctttaaaat atagcaaagk atacaggggt aataatatat gatattccgt attaataaat 60
 catgtttaat gttcaccata cattcgtaaa agtatattat agtttgcag cattgatttg 120
 ctgacagtga aatataggtg gtggcaagggt taatgtagaa atcttttcag atattatttg 180
 ctctgaatta acaaatacag cagtgtttcc tgtgatgtgg tccccagaac tctgatccca 240
 caagatgtcc ggtgagaaga aagtctgttg gttaaatatt ttgacaact gctgcatcct 300
 gtacgccccca ctagtggtt cacagtgcac atagggaact gaaaggctct gagaagccat 360
 gtaataagta aatctgttta acttttgtaa actgggtact tccaaaactt attttgacca 420
 tagaacatcc ctttattttt 440

<210> 26570
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 26570
 gaaaaagagc tgtcaagcag akggaagagc tagaataaag ttcttaaact aagaatgagc 60
 ttgagtattc atggaacaaa agaccagaga ggctgtagtg aagttagtaa tagaggggaag 120
 aagcattgca agacaatgtc aaaaacttgg ctgwkgccag ataataacga gcgaggggtca 180
 gcgg 184

<210> 26571
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 26571

ctcggtcctt agcacatagg aaactatgaa tattgatgat gattatTTTT atgacgttac 60
tgtaaactat tctctacccc aagaagcagg gcagttgtct ggggcaat 108

<210> 26572

<211> 149

<212> DNA

<213> Homo sapiens

<400> 26572

tgtaggctg agactccgcc gtgggaattt ccacacgggc tgaagatgcc tagcacttgg 60
gakssggagg cgggaggctc tgctggccgg agagcacccc catcctcatt tagacctgga 120
gacgctcctg tgggtgccact ttgccgcca 149

<210> 26573

<211> 220

<212> DNA

<213> Homo sapiens

<400> 26573

attaggatta addgcctacc catgctcacg cctgtaatcc cagcactttg ggagggtcaag 60
gcaggcagat cactagatca ggadatcgag accatttttg ctaacacagt gaaaccccg 120
tctactaaaa aatacaaaaa attagtcagg cgtggtggtg ggcacctgta gtcccagcta 180
ctctggaggc tgaggcatga gaatggcgtg aaccaggaa 220

<210> 26574

<211> 129

<212> DNA

<213> Homo sapiens

<400> 26574

cattctcttc ttgaaaactt aagtttaata aaacagttca gaggaaactt aattatagtt 60
cttatactat aaaaagctct tataaaaaaca ggggtagggc cacaataaat ttcacctctt 120
gagcacgta 129

<210> 26575

<211> 190

<212> DNA

<213> Homo sapiens

<400> 26575

aatttaccaa ttgggagagt tggcatggat ctgtatggaa aatatgcaga tgaaagattc 60
cttttatttg taattgacaa aattgtatat attattgttt ataacatgtt ttgaaatatg 120
tatacatTTT gaaatagctc aatttagcta acatatatta tgtcacatac tatcattttt 180
gtggtgagag 190

<210> 26576

<211> 161

<212> DNA

<213> Homo sapiens

<400> 26576

agaaggtgca atcctagata acacagctag ccagatagaa gacacctttt tctccaaaat 60
gatgccttgg ggtggggagt ggtaggggga agagctccca ccctaagggg cacacactga 120
gttgcttatg csacttcctt gttcaaaata aagtaactgc c 161

0044220"666E560

<210> 26577

<211> 185

<212> DNA

<213> Homo sapiens

<400> 26577

aattcagttt agaaaacttt ttattacata attttttagaa atatacaaaa gagaaaaaca	60
gaaaaatgaa tctcccaact cttcaatagt taacattttc cagtgtcatc tcatctaatt	120
ccccacactt ttttcgttag aatatgttaa agcaaatact agacaatata ttatttcacc	180
cacaa	185

<210> 26578

<211> 247

<212> DNA

<213> Homo sapiens

<400> 26578

tttatgtttg tacagcagtk aggaagttct tcttcttttt agatccttta agaacaggta	60
aaagaaaatc ttatctaact tagatattat gaggatatta ttatatctaa atctcaatga	120
ctagagaaaa ctcttgaaaa atatcattta ttttcctgtc actgccatta aaaatttggt	180
gaatttcaag gagataaaaa ggtagaaaaa acagtagcag tactttgggt atgtktatct	240
gaagatc	247

<210> 26579

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26579

aactgtaatg ttgaamtcac atcacatttt aggtcgtgaa cctagcgagc atccatttgt	60
agaagccaga agcaattgca aaacttgagc agtctaggga atctggtag acatatttat	120
tgtktgattt ccctatgaaa ttaattacag tagtatctag aatagtcac atcaagtt	180
atgcgttaca cttcttctctg tkgggccc	208

<210> 26580

<211> 100

<212> DNA

<213> Homo sapiens

<400> 26580

tttgggcatt tgctacatga tgggtgctgc cagattgtgg caggtaaaga gacaatgtaa	60
tttgactcc ctatgatatt tctacatttt tagcgaccgg	100

<210> 26581

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26581

agaaaaccta gtgacagaga ttctatagcg accccgaccc cgaccaaga ccatcatcct	60
gcagatgcca ctgtgccaa ggagagccc cgagaggaat ccagccccga atccctgcac	120
cccaagtccc aacgcggcgt taaggatacc aacagccagg atcttccctt ccagcgttc	180
ggggstgrsc tgccgcccg agcactccag cagcttcacag agccccctga ccccatgag	240

gcggctgcgt cctaagagcg gaccccgaca acttctactc taattcttct acgacggcat 300

<210> 26582

<211> 177

<212> DNA

<213> Homo sapiens

<400> 26582

caataacatc aataagaata agatgcttag gaataaatTT aagaaggcaa aagacttgta 60
tgctgaaaac tacaaaatgt tgctgaaatt atagatgacc taactaaatg gaaagacatc 120
ttgtgttcat ggactggaag atttaatat attammattg taatactacc caaagcc 177

<210> 26583

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26583

tcaataacgt catcgtgaac aagactagca gtgtggatca tttctgcaat taaggctgtg 60
gcgcgctggc tagcttgac atgtcgggag tkattatgat gaatattaca tgctcgggcc 120
gaa 123

<210> 26584

<211> 517

<212> DNA

<213> Homo sapiens

<400> 26584

cgtttactta tatctcacca aggcaaataa taaatgtgaa aatgctttgt aactgagaaa 60
tgcttcaaca atacaggata ttattgatca acctcagata tcatctctgg tctggagatc 120
atagctagtg gttttaactc accatctttt tcaagtgatt ttgaaacaat gatgagtata 180
atgccctcct gcctaactgg ccttttctctg tttctcttaa tacatttatt cacaccctct 240
ggctgttctt tctagatcaa cagttctcag agtgtggttc ctggatcaac agcatcagca 300
tcatctgtga cattgttagg aatacagatt cttggggccgc attccggacc tcctgtccag 360
tagtctcggt taacaggctc tccagggtgat tctgattcab gcttaagttt gagamcactg 420
tcttgaatga gggctctcac ttcaatgtct cctcagactt tgacttctca ttttaaagta 480
gtcctccagg tcgtctctctg atagatcatc ttattttt 517

<210> 26585

<211> 179

<212> DNA

<213> Homo sapiens

<400> 26585

tatttgcttt gcctctctcg attccatatg ctttgtctac aaattgtgaa cacgtcccgg 60
tttctaccgg tgtgtgattc taagtcgttg ctgtactcta gcttgtagct gaaaattcac 120
ccatatgcag atagctgccc tcttgagggc aaaacttaaa gctatcagaa ccatctgga 179

<210> 26586

<211> 188

<212> DNA

<213> Homo sapiens

<400> 26586

atTTTTTct ttttcttct catgggaagt tgtggtttat tacagtgtcc aaaacactca 60
 tttctcattc ttttctcaag ataatgaggg tcgtcattga catgtcttca gtttctgttg 120
 agataagaaa atgtattcac ccttgtggaa ttttctttc ataagtaatt taaataaaat 180
 aagtggct 188

<210> 26587
 <211> 118
 <212> DNA
 <213> Homo sapiens

<400> 26587
 tatTTTgggm bhhgaagaac tcaaagaatg gagtgagagg tcaggggtatt gtgggggatca 60
 cctgtgtgga tattgaaatc gctaggtatt aatattgttg gaaagtgtga tggcgaga 118

<210> 26588
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 26588
 tgagcaagag cgacgtgaag cccgtgcctg gcgtgcccgg ggtgtgccgc aagaccaaga 60
 agaagcacct taaaaagagt acgccctcca cgccctgcct cacacgagat gaacccact 120
 aagccttgac cacaactctg tgacccctgg tctccaactt attcttagca ttactacct 180
 cacctccatt gcctgatctc agtccccctt gccctggccc catctttcac cagctcctgt 240
 kacagctaac ctccagcaac ccctgacctc tgaccctggc caacccttgc cagcctgacc 300
 ccgat 305

<210> 26589
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 26589
 aggtttcttg mmtataaaaa tgtatgtctt tcatcaaatt tggaaaattt taagttatct 60
 ctttaaagtgc ttttttgtgc actgatctat ttcatatctc cttctgtttt ccaatactgt 120
 ggtgctaagc cttttgacag tgttccaagg tctctgcaga gctgttctcc ccatgcctac 180
 cccctcaat ccactcacc ttttttctct cttgttcttc agattggata atttatcttg 240
 acctgccg 248

<210> 26590
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 26590
 caataacatc aataagaata agatgcttag gaataaaattt aagaaggcaa aagacttgta 60
 tgctgaaaac tacaaaatgt tgctgaaatt atagatgacc taactaaatg gaaagacatc 120
 ttgtgttcat ggactggaag atttaatat attaaaattg taatactacc caaagcc 177

<210> 26591
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 26591

actgttaaag	ccatgacatg	gtctgcctct	tttcttatcc	atcttaaaat	agggagatat	60
agcttggcca	ggattcttga	atccaattgc	tccatagcgt	ctacttgaga	tgagagatga	120
tgtaggtttc	tggtgaacta	ggagagggtc	ctatttgccc	taatcaggca	gccttctttc	180
tcctagacca	ggggttggca	aactacagtc	tgtgggccaa	tgtggcctac	tggttggttt	240
tgtagggact	gcaagctaag	aacagatttc	atgttttttt	ttaatgggtg	aaaaaaatca	300
aatgatattt	tgtgatgtc					319

<210> 26592

<211> 221

<212> DNA

<213> Homo sapiens

<400> 26592

tctatgatcc	atttcagggt	atctttgtgc	atgggtgtgag	gtcaagggtca	aggttcattt	60
tggtccctca	gatgtcta	tccattgtca	tttattttga	aaagagtgtc	ttttccccc	120
ttkgaattgc	tttggtacct	ttgccaaaag	caattgtcct	tataagtctg	tatctatttc	180
catactctca	cttctgtttc	ataaatgtat	atatgtccgt	a		221

<210> 26593

<211> 179

<212> DNA

<213> Homo sapiens

<400> 26593

ctgttctatc	atcttttttc	ccattttaaag	ttcaaaatc	cagattcttg	agatagagag	60
cgttattggg	ctggcttgca	tcagggtatc	acctctgagt	ctgccattca	aagagaagg	120
ggaagttagt	atacctatgt	tgagaagtgt	taccctctca	gctggagagc	tgccccc	179

<210> 26594

<211> 188

<212> DNA

<213> Homo sapiens

<400> 26594

caactgtcat	gcactgatgg	gagtgtctatt	tagcatggaa	attggattat	aataaagcta	60
gatgtttgtc	agaggttgcg	taagctgcc	tcaaggattt	caccagcttc	agctgggttt	120
agtcccaaga	agaaacttct	gaccacagac	atcctgtttc	ttaaaaataa	gcagagttaa	180
aggtgaaa						188

<210> 26595

<211> 404

<212> DNA

<213> Homo sapiens

<400> 26595

tcatttcatt	tcattttgag	gatctcggtc	tgccaccag	gctgggtgtcc	agtgacatga	60
ttatgactca	ctgcaccttg	acctcccagg	cttttaagt	acccttccac	ctcagcctcc	120
caagtagctg	gaaccacagg	catgtgccgt	cacatgcagc	taattttttt	gtatatattt	180
cagagacaga	gtctcccttt	gttgcccagg	ctggtcctga	actcctgggc	tcaagtgatc	240
tgccacactt	agcctcccaa	agtgtctgga	ttgtaggcgt	gagccaccct	gcctggccct	300
agtagtcatg	ttttaaaaag	taagrragaa	agagacaaaa	tgaataatgc	ttcatcgagt	360
ataccagtat	catcaraata	taatgtcaac	acataatcaa	taga		404

<210> 26596
 <211> 427
 <212> DNA
 <213> Homo sapiens

<400> 26596
 acagttttgt cacagtgtat tttcatagt tttggaacta attttcttta gaatatttgc 60
 ttccgtat ttt actacatgga gctgggtctgt agttttgttc tttttcataa acctgtat ttt 120
 tgtcctgtct aagatttgtt gtcaccagca ctttgtgaag gttcctgggg tggcctggag 180
 cagcttttcc cgcagctccc tcacactgcc accttatgac agggataatg agatggaccc 240
 ggatttcaga aacaataaaa tgtggaatgt gtccatgaaa tagggttgan agtttgactt 300
 ggaactcagt gggcctgttg cttttctcta tgaaacgtct gtagcttctt agcacagtgc 360
 gtccatttag aaaggggggt ctgttaacta gtacatgggtc attgtttaat gcacctttta 420
 atctctt 427

<210> 26597
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 26597
 caatttacca catctgctga gtaggaccag ctatataatt agcagggccc agtgtaaaat 60
 gaaaatgtga gcctttgtta aaaaattatt tagtttctta aaattcta tttaatcaga 120
 tcattaaacc aagcaactgca cccttcggag ctgcagctgc acaggttaca tgcctaccaa 180
 gccagggcta ctgctgtact ccacttcatg ttcccttctc tgttccatgg ccagtaatt 240
 ctcttcaagg caataagcca agacaattgt agggctggts tcctttgttt cccatctctc 300
 agaggtcact gtcttttttt ttttt 325

<210> 26598
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 26598
 ctgaaagagt tagttttgtg ttattactac ctccatctca aagatgagtc ttggaaagct 60
 taagtaactt taggtcacat tgtaatcagt ggcagaactg ggacttaaga acataattca 120
 tgactgcatt ttcttttctt tctttctctt tctttctctc tctctctttt tttttttttt 180
 ttt 183

<210> 26599
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 26599
 ttgcagtatt cactcacgaa ctgttttatt ttaggaataa tgcaaaacca accttcgtcc 60
 ggtgatgaga atagccgtat gataagagaa tttgctcatc gtgctttaaa tgattaactg 120
 ttttacctta tttagtattt catagacttt gcatgatacg gtacactcct aattatgcat 180
 tctttgggtt ccaaacttta atctaagata ctttggttaac tgactggtag cccc 234

<210> 26600
 <211> 447
 <212> DNA
 <213> Homo sapiens

<400> 26600
 tatgatatgt ctagaatagg caaatctgca ggcagaaggt tagtggttgc ttgggggttag 60
 ggaagggtag gaggaataa ggaggggcga gtgtgagaaa tgattgttca agtctaaatc 120
 actcttaaag taataggaca tgaccagact tgaaagaatg gaggatggag gaaggtaaag 180
 agtagtaggg aattaatgag taaagcaaga vaaaataaga hagtgaaaaa cagttttaga 240
 attggcagtt taaaggcctt aaacctcttg tttggttggg atcatcaaca tatgctggcc 300
 tagtaaatgg gttttggata gccagthcat tataagtaaa ccggatggat tacgtttatg 360
 cvaagaggcc ataarcacac ttagaaacac macttgtgga ccttggcmac aatttinctga 420
 tttgtatgtg ttttttgtac atgatct 447

<210> 26601
 <211> 163
 <212> DNA
 <213> Homo sapiens

<400> 26601
 tataaataat ttttttctct tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60
 ccatggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
 gctgggacta caggcatgtg ccaccatgcc cagctaattt ttt 163

<210> 26602
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 26602
 gggattaagg ccctcaccac cgtgcccaaa taatttttgt attttttgta gtgatggggg 60
 ttcaccacgt tggccagggt agtctcgaac tctaacctc aaagatcccc ccca 114

<210> 26603
 <211> 321
 <212> DNA
 <213> Homo sapiens

<400> 26603
 ataagtaact attaggaggt tcagagcaaa cctcaggaca cttactccct gagctaaggt 60
 aaagaatatt gtccctcata gccctgggtc cagaaactct gtggggaaga taagtcctga 120
 gcctagagct gccatttcca cagacaactg aactaccttc aaacagatgt gtttttaggg 180
 gcagcagata gaaggagctg aatccaggag tttccttccc tgaaatgcc caacagaggc 240
 acagtcstcc accttccctg gaacagaggg ctttcatctg tctctctgaa gcsatctccc 300
 tccccgtgtt atgcccagag c 321

<210> 26604
 <211> 258
 <212> DNA
 <213> Homo sapiens

<400> 26604
 gttgtgattc tgcttttagtt gggctctgggg gggctctctc ggagagtggc tataaatgct 60
 agcctttgtg ctgggcagca aagcaaatca tcgggaataa cccgggagcc tggcaggga 120
 accgctgcac tatggagagg acgcttccag atacagagga caaatcaagt gaagggacgg 180
 aacaggtcac acccagagcg gcacagagga tctatgaaag ataaaatgtg gtgtgaggac 240
 acggcccagc cccaccac 258

<210> 26605
<211> 325
<212> DNA
<213> Homo sapiens

<400> 26605
acatttcact cctaactcca ccccttgggt atacaaagct ttttaggagt ccttttgaaa 60
cagtcgggaa ccttcggtgt tccaccagtt ttgacaacct gcatgacaca aaaggaattt 120
tgctttcaaa ctccataata aactcacgga gtcagttcca atattcactt gctgaataac 180
ttcttttacac ttacctgcaa ttcatacaatt ctaagtaacc tacaatcctg caggagagaa 240
gaaggggtcag catctggacc agagctgttc tgacagttag tattactgga ggttcctgga 300
aattttacag caacataggc acggg 325

<210> 26606
<211> 169
<212> DNA
<213> Homo sapiens

<400> 26606
tcatctcatt gtgttaaagg ctcaagatgt gttgctcggg ttgaatatat tggagagcag 60
aaggatgagt tgagtttctc agagggagaa attattattc ttaaagagta tgtgaatgag 120
gaatgggcca gaggagaagt tcgaggcaga actgggattt tccccgacc 169

<210> 26607
<211> 444
<212> DNA
<213> Homo sapiens

<400> 26607
acagtgaccc aggctgtgaa aacacttcag gccagtcctt gagtaggaat ggacaacaag 60
gtggtcacca tgctgacagc tattccctgt gtgatttact ttattatgaa gtctaaattt 120
gatgctgaag tgctagccta agctcactaa cctgccaact tagagaagaa ggtaaccatg 180
gctaggatga ctgggaatct gatggactca attaagaatt tctacagatg ggaaaaccaa 240
aactccttag tggcaagagg ccaaagatgg tcagcgaatt gttgtttccg gctgttgga 300
gttgactgca gttgaataac agaacaaaaa cggagcttca raatcatggc gtgcctgctt 360
cttctgggk cttttaactg caagcaatca gctttgaaga gcacgtaggg aacttctgat 420
ctcaagaata acatttacat atga 444

<210> 26608
<211> 248
<212> DNA
<213> Homo sapiens

<400> 26608
acacgcgact cccacaaggt tgcagccgga gccgccagc tcaccgagag ctagttccg 60
gccagggtcg ccccggaac cacgagccca gccaatcagc gcccggact gcaccagagc 120
catggctggc agaagagcac tgatcgact ggctcactca gagaggacgt cttcaacta 180
tgccatgaag gaggctgctg cagcggcttt gaagaagaaa ggatgggagg tggaggagtc 240
ggacctca 248

<210> 26609
<211> 127
<212> DNA

<213> Homo sapiens

<400> 26609

aacatttgca atgaagtgat atttaaagcc ttgtgtgaca aaagagaacc cagttcagca	60
gttggagaat gtccgtgctc aggggtggat tagagaagag gtggtcagtg gagtggggag	120
ggctccc	127

<210> 26610

<211> 326

<212> DNA

<213> Homo sapiens

<400> 26610

ttttcccctt gctctcagaa acacaactaa aagctcgaag acctcaggtg acagactgcc	60
tcctgttacc tcaccaagac tgaaaaccta agcagtggct cgcgccaaag agcaagcttc	120
tagccctctg acgggaggcc cggcaagatc gtccctctgga cagcaccttg ctattttgtg	180
acgtgctcc agcccccaag atgtccaaga tcttgggcct tcccttgagg cgtgacgctc	240
acgaccgaa acacctctca tacagcgtgc acaccacatt tcagattttr atgatttaca	300
ctgcaatcaa gcaaagaggc tgcgaa	326

<210> 26611

<211> 423

<212> DNA

<213> Homo sapiens

<400> 26611

tgaaattctg tacatcatgt gctacatatt aaagccagaa aggaattatt tttctgattt	60
aatagaaaat ccaataaacc aaaatacttc attcattcct ttagtatctt gatatttgaa	120
gtccctccttg taaagcacia aatctctttt cagtgtttat aatcaagta cacactatga	180
aatcaagggt catctacaat tgatagtgtg tcttaattta attgccagta tatttttgtt	240
aatggagtat aaaatgttgc ctcttgcaaa caacatbbta gatttgataa aatatcatag	300
actttttgtg agaatactag ctaccaccag acacagtggc ttacacctgt aatctcagca	360
ctttggggagg ctgaagtggg caggctgctt gaggccagga ctagcctgga caacatggcg	420
aac	423

<210> 26612

<211> 206

<212> DNA

<213> Homo sapiens

<400> 26612

cctcccgggt tcacgccatt ctcttgctc agcctcccaa gtagctgggt ctacaggcgc	60
ccgccactac gcccggttaa tttttgtat ttttagtaga gacgggggtt caccgtttta	120
gccgggatgg tctcgatctc ctgacctcgt gatccgcccc cctcggcctc ccaaagtgtc	180
gggattacag gcgtgascac cgcgcc	206

<210> 26613

<211> 295

<212> DNA

<213> Homo sapiens

<400> 26613

attatctctg ttactcatth tgatatggaa ttggaatata tcctgttccc agttcacact	60
cccttaagtt aaagagatac attcttttta caacagagcc ttatgttttc atctggctaa	120

ttcagaagat atcttgttct cttttgacca gagacaaaag aagaaaagtc ttgaaacat 180
 ccttcacagt ttggggatga atgaaggcag agaagtattc atcagtctta tgttcctggc 240
 aatgaaagtc aaaggaagtc aaaattgtgg cttctagctg acatagcccc agcac 295

<210> 26614
 <211> 137
 <212> DNA
 <213> Homo sapiens

<400> 26614
 agcgtctctg cccggccgcc catcgtctga gatgtgggga gcgcctctgc ctcaccgcc 60
 catctgggtg aggagcgct ctgcccggcc gagaccccgct ctgggaggtg aggagcgtct 120
 ctgcccggcc gcccat 137

<210> 26615
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 26615
 ctcttcccag ccgccatcac atctaggaag tgaggagcgt ctctgcccgg ccgcccacgc 60
 tctgagatgt ggggagcgcc tctgcccgc cgcccacatc gggatgtgag gagcgctct 120
 gccagccgc gaccccgctt ggaagatgag gagcgctct gccggccga gaccccgctt 180
 gagaagtgag gagaccctg 199

<210> 26616
 <211> 366
 <212> DNA
 <213> Homo sapiens

<400> 26616
 gtccttccct gtaccaatac actgggagac aacaccatgt ggtgttttta gttttttggt 60
 tatgcgaagt tttagagttg agcttctcac atgtatgtct ttggtccatc aggaattgct 120
 tttacttatg gtgtaagaaa gggatgtatt tttactttt tccatatgga aaaccaattt 180
 tcccgcact atttattgaa tagtcatttc tctatgggtt tgtatgacct cttctgtcat 240
 atatcaagct ctcacaaagt ctgtgtcttt gtctaggctc tctgtttcat tgcgtagtct 300
 tgtttgtcct atccgtgtgc caagccacac tggcttaata gtgctgatac ctggtggagc 360
 aagtac 366

<210> 26617
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 26617
 ccagttgttt gtgtcatctc taatttcttt gaatagtatt ttgtaattct catcatagag 60
 atctttcacc tccctgggta gctgtattcc tatatatatt attctttttg tggctattgt 120
 atatgggatt gtgttcttga ctgttaatat tttatgtatc aatacataag ataattagct 180
 aggaagaagt gttcctatct aaatgacttt ttagcatatt cttcacttct tttcctctca 240
 ggattctcag ctggtgaggg gagcagatca ataagacct gaagaaaata ccttcagaaa 300
 atttagttaa ttcactccta gaagttcaaa atgcataaac atctaacgtt ttcagatttt 360
 atctttcttg ttatggttgt ttgaacctta tcttttatat tcccctcaag 410

<210> 26618

<211> 137
 <212> DNA
 <213> Homo sapiens

<400> 26618
 caagcccccg gcttgctcat ttcattccagg tgaggagtct ggagtagagc agggcttctg 60
 aaatggtgac atgcacatca ctctcctggg catctgggta acakgcaggc tccagttccc 120
 caggtctggg cgggctg 137

<210> 26619
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 26619
 aaaaaacctc tacctcctgg gttcaagtaa ttctcctgcc ttagcctcca gagtagctgg 60
 gattacaggc accctgcacc acacctggct gatatttgta ttcttagtag agatgggggtt 120
 tcaccatctt ggccaggctg gtctctaact cctgaccttg tgatccaccc accttggcct 180
 cccaaagtgc tgggtattaca ggcgtaasta ccacaccga accc 224

<210> 26620
 <211> 437
 <212> DNA
 <213> Homo sapiens

<400> 26620
 taatccattt tatcgagcag tgattcccaa actttgagat tttcagattt tatgctctcg 60
 tctgttagat tttatgacat tctatcatcc taaaaaatgt actatatgtg ttatatgtat 120
 atataagtta aagcaacttg aaattgactt gggttggcat tgtctcaaga accctagata 180
 tcattattga taccatgggg aatcatagaa ataaagtga atatcattga tctgagagta 240
 ggatccagaa ataagtagtt tcagttcctg atcagttaag cctcaagtgt ttgagtaacc 300
 aacacagcaa gacttgggaa atgcagttag caccggagga aaggaaagtg gtagtctttg 360
 cctgcatttc agcatgcatt ttcttttctt actcagttgc tatcttccac ttaaataccc 420
 tcatttgacc ctaggaa 437

<210> 26621
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 26621
 tgaagtccat actttattca ggtttcttta gtttttacct aagatccttt ttaaagaatt 60
 gtttcggcca ggcactgtgg ctacacactg tgatcccagc actttgggag gccggtgtga 120
 gccaccatgc ccagccacgt catgggtttt aatattcttt ttattgtttt tttgacacag 180
 ggtcacactg tcacccatgc tgcaagtgcag tgggtgtgat ttggctcact gcaacctcca 240
 ccttctgggt tcaagtgatt ttctgcctc agcctcctga gtagctgaga tgataggcac 300
 cccgg 305

<210> 26622
 <211> 408
 <212> DNA
 <213> Homo sapiens

<400> 26622

tctgtttgat	ttggatcatc	tcaggatcgg	attctgtttt	agagtgtttc	tgggccagga	60
tccgggcccc	tgccctcctc	tgcacctgac	cacactccct	actcagggct	agtctgttct	120
tcccggacat	cttctggtag	ccgtgcagga	gagggctggg	tggggcagag	gccaggaggg	180
gacctggtgt	gtcacctgcc	caccacctgg	ctcatccctc	aggcccaccc	tgaccctaca	240
ttacataggt	tacgtcagcc	tactgtggct	gttgagcaaa	gcattttctcc	tttctggggc	300
tcatttgcac	tagatgggcc	tgtggtccca	aagtaggtca	gtaggttggg	gttgctgaca	360
ccccttgggt	gcagctttgg	gacagatgag	tggctctgtc	ctgtcact		408

<210> 26623

<211> 296

<212> DNA

<213> Homo sapiens

<400> 26623

ttaaaaaatt	tttaggctgg	gtgtggtggc	tcacgcctgt	aatcccagca	ccttgaggct	60
gaggaggcct	gacacctgag	gtcaggagtt	aagagaccag	cctggccaac	atggtgaaac	120
cttgtctcca	ctaaaaatac	aaaaattagc	tgggtgtggg	agcagggtgcc	tataatccca	180
gttactcggg	aggctgagac	gggagaatca	cttgaacctg	ggaggtgaag	gatacatgga	240
gctgagatcg	tgccattgca	ctccagcctg	ggcgacaaga	gtgaaactcc	atcaaa	296

<210> 26624

<211> 426

<212> DNA

<213> Homo sapiens

<400> 26624

ccctggtttc	tggcggcgcg	cggtccctt	ttccactctc	ccgcgcgctc	acagactgcc	60
aaggaaatct	gatgtggaaa	ggaaaataga	aatagtgcag	tttgctagcc	ggacacgcca	120
actcttcggt	cgattattag	ctttagttag	gtgggctaata	aatgctggca	aagtggaaaa	180
atgtgcggtg	agttaaactt	tttattttac	tttgtataaa	ataacttttc	gaatgttatg	240
atagacatag	ttttacattt	tagctttaac	ttatccctgc	tgattttgagt	gacatgtgaa	300
taatcatatt	tctgaatgat	aatgtatatt	tctgcagaac	ttagtatttg	tttatggaca	360
cctgatcaga	aagaagagga	gatagctgga	gacatcatta	cgtgaggaga	ctttaaatat	420
gagact						426

<210> 26625

<211> 61

<212> DNA

<213> Homo sapiens

<400> 26625

gtgttttagat	acgttttggg	gacctgttga	aacaaatacc	ctactctttt	ttttttttt	60
t						61

<210> 26626

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26626

ttaattaaac	tgtggatgca	caacagttgt	agacctgtgc	accttttttt	ctttttttt	60
yctgagacag	gttctcggtc	taatycctgg	ctggagtsca	gtgggtgcgat	catagctaac	120
tcc						123

<210> 26627

<211> 254

<212> DNA

<213> Homo sapiens

<400> 26627

tttttttcag ccagaagcat atacaggaat ttaaataagta ttgcaatcca gggtagggca	60
aacactgtct cctttctcga tcctgagggc atcactgggt tgccacagtg gcctacccta	120
ccctatcttc ctaaggagaa tgctggacaa ttgtatttaa atgttcttca gcatgttctg	180
tttcttttag aatgctttct actaggcttt gatgctttaa atgaatgagt cccccagctc	240
ttgagaaatg ccgt	254

<210> 26628

<211> 107

<212> DNA

<213> Homo sapiens

<400> 26628

acatggctgg tattggtatc gtggaaccaa ggtcttccgg aaacctggtg gcatgatatt	60
cctttttttc ttcacctaga atcttcaatg ttttctttt tttttt	107

<210> 26629

<211> 385

<212> DNA

<213> Homo sapiens

<400> 26629

tgttggggtc catagtaaag gataggtgaa atcaagaata gcactcttac aagggtgagg	60
agagaggaac tgggaatact ctgctagaag acagctgcac tgcccatgaa gtggtaaagt	120
gcaatttgaa agtggatgtt gattagttgc aaatctatat tgcgaactct aggacagtga	180
attaaaatgt ttgaaagaa gtataattat aatgctagaa agtaaaaaga gtggaatcat	240
gtaaaattct cagttaaacc aagaaaagac agtaatagta gcagaaaggt aataataaag	300
atcagaacag aaataaatga attgaaacaa agaaaacaat acaagagatc aacaaaacca	360
aaagtatgct ttttgaaaag ataaa	385

<210> 26630

<211> 335

<212> DNA

<213> Homo sapiens

<400> 26630

tcttccttaa aaaggaaata cagtgatttg agctagatga atccagctac attttacttt	60
tttttttgag accgagtctc attctgttgc ccagggtgga atgcagtggg gcaatctcgg	120
cttactgcaa tctccacctc ctgggggtcaa gtgattcttg tgcctcccag gtagctgggg	180
actataggca ccaccacacc cggctaattt ttgggtgttt ttgtttgttt gttttgnatt	240
tttagtagag acgggggttt accatgttgg ccgggctggc tgcaaactcc tgacctcagg	300
tgatcagccc gcctcagcbt cccaaagtgc atggg	335

<210> 26631

<211> 153

<212> DNA

<213> Homo sapiens

<400> 26631

ttcgccctcct aggttcaagt gattctgctc cctcagcctc ccaagtagct gggattacag 60
gcacctgccca ccacgcctgg ctaatttttg tattgttagt agagacgggg tttcaccatg 120
ttggccaggc tggttttaaa ctcccacac cca 153

<210> 26632

<211> 179

<212> DNA

<213> Homo sapiens

<400> 26632

tttgtcatct gtaccagatc agtagttggc ttgtgttaca ttttgtgtgt gtgtgtgcgt 60
gttttaaac agtgcataata aattgtatgt taaatgtaag taactttaag ttgacttatc 120
tcttcacagt aatcaagcct cacgtaattc atgcttttta aattcagcca gccccctag 179

<210> 26633

<211> 397

<212> DNA

<213> Homo sapiens

<400> 26633

gtcagcnnma tgggtgctgt gcctcagtat caccaggggtg ctgtcaggac caggacaga 60
tcaggagggtg aaggaaatgt ttgcttcatg agaaaatgag agggggctgc aaactccaag 120
accaggaat gcctctccat ggcttcacac atatgtnta cgggtggaga tggggcttgc 180
tgaagcagg tactccaaag cacctgccac ctcaaggggg tccccaggtc atggctctca 240
cacaagacat gagctccaga gagcatgtgg tcagtagtcc ctccagccat gcagatcctg 300
ccactgatca aaggacagcc ccgtgggtgag agctgtggcc tgaggcagg gacccacag 360
cacctgtcac ctccagaagtt gaggaccaga gagtcca 397

<210> 26634

<211> 223

<212> DNA

<213> Homo sapiens

<400> 26634

acaaaacatt attctaagt aaagaagcca ggctcaaaag atcatatatt atatgattac 60
atttatatga aattcttgaa agacaaatct atagagacaa taatcagaac agttgttgca 120
taaagtgaga atcgggatta actataaata ggcatgaagg aacatttggg tgggggtgtt 180
gagaatgttc taaaattgga ttgtaatgat tgttgataac tgc 223

<210> 26635

<211> 107

<212> DNA

<213> Homo sapiens

<400> 26635

acttctcctg ggtccctgt tegtccagc atcccaaggc agtgctgagg ccccggggtg 60
gctgcgggag gggggccaca cccctatata tcacctagca cagcacc 107

<210> 26636

<211> 93

<212> DNA

<213> Homo sapiens

<400> 26636

taatggaatt aatatcaaca atcttagaga aatccacac tattcatgcc attttcatga 60
tctccacctt ggtaattttt tttttttttt ttt 93

<210> 26637
<211> 187
<212> DNA
<213> Homo sapiens

<400> 26637
aagggaataa acgcacaatg gcaacctgct tggggcctct tgcacacggt ggaagctttg 60
tttttagct cttttagta aatcttgctg ctgctcgttg tttgggtcca cagtgtcttt 120
atgagctgta acactcactg cgaaggctctg cagcttcact cctgaggcca gcaagaccac 180
gaacccc 187

<210> 26638
<211> 280
<212> DNA
<213> Homo sapiens

<400> 26638
agataaaact actggaggat gtgctccacc aaaaataagt gaagagggca agaaagcaaa 60
aggtgtggga tgcagcagtt tttaaagtgt ggtttatgaa tcttagtact gttctgtaaa 120
acttatttta tttatgtatg tgtgtgagac aaataactgt cctaataatg tcaagtgaac 180
attgattgtg atagaatgat acgaggagga ggggtgatgg aaaggctgcc cttgtgtgtg 240
ttggggggcg gtggcaaggg aggaaaaaaa aggaagccgt 280

<210> 26639
<211> 50
<212> DNA
<213> Homo sapiens

<400> 26639
ataaaactat acttacataa aacatcggtc tttttttttt tttttttttt 50

<210> 26640
<211> 66
<212> DNA
<213> Homo sapiens

<400> 26640
tgcgtgagta acgagaggct tctgggaagt ggagtctctc cccacacctt tttttttttt 60
tttttt 66

<210> 26641
<211> 213
<212> DNA
<213> Homo sapiens

<400> 26641
actgcaagct ccgcctccca gggtcacgcc attctectgc ctcagcctcc ggagtagctg 60
ggactacagg cacttgctac catgcccggc taattttttt gtagagacag ggtttcgcca 120
tgtagccag gatggtctgg atctcctgac ctgctgatcc gcccgctca gcctcccaaa 180
gtgctgggat tacaggcgtg agccaccgag ccc 213

<210> 26642
 <211> 65
 <212> DNA
 <213> Homo sapiens

<400> 26642
 cttgttcaga gaggtaaaat ttcactttca actaaggaaa gatgagacca attttttttt 60
 ttttt 65

<210> 26643
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 26643
 ctctaataagg ataacaattt ttcagcattt tctgtgatgg aatcactcat agttgtttga 60
 gaactttgat acatatctcc aacaaataaa taaactattc gtattgagta aatcttttta 120
 cttgaatcat ttgggttcata aaaatgactt acctgccatt tccagagc 168

<210> 26644
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 26644
 tataaataat tttktttctt tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60
 ccatggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
 gctgggacta caggcatgtg ccaccatgcc cagctaattt tttttttttt tttttttt 178

<210> 26645
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 26645
 aaaagttagc tgggcatggt ggtgcacacc tgtagtccta gctactccgg aagctgaggc 60
 agttggatca cttgagccta ggagtttgag gctgcagtga ggtgtgactg cactcaggca 120
 tcatgagaga gtatcttact ctatataact aaccacagaag atgataaaaa tttgaagtaa 180
 gatttctata cattgctttt aagctatggt aaagtcaaaa aattttaagt cgggaggc 238

<210> 26646
 <211> 223
 <212> DNA
 <213> Homo sapiens

<400> 26646
 atttctgtgg ggctctatth ttgctttggc tttctggtga gagagtgagg aagcattctt 60
 tccttcacta agtttgtctt tcttgtcttc tggatagatt gatthtaaga gactaaggga 120
 atttacaaac taaagatttt agtcatctgg tggaaaagga gactthtaaga ttgtttaggg 180
 ctgggcgggg tgactcacat ctgtaatccc agcactttgg gag 223

<210> 26647
 <211> 210
 <212> DNA

<213> Homo sapiens

<400> 26647

cctccccgggt	tcaagtgatt	ctcctgcctc	agcctcctga	gtagctggaa	ttacaagcat	60
gcaccactag	gcctggctaa	tttttgtgtt	tttagtagag	atgggggttc	gccatgtttg	120
ccaggctggt	ctcgaactct	tgacctcaaa	tgatctgccc	gccttggcct	cccagtgttg	180
ggattacagg	cgtgagcmac	tgtgcccggc				210

<210> 26648

<211> 348

<212> DNA

<213> Homo sapiens

<400> 26648

aaaacatata	tccacacaaa	aacttgcaca	cataknttca	tagcagcatt	attcatccaa	60
aaagtagagg	tactcaaatg	actttcaact	gataaacaca	gatgaacaaa	atgtatgtcc	120
aaacagtaga	atattattca	gctataaaaa	agaacagagt	acacttagca	aactaagaat	180
agaaggaaact	tcctcaatct	gataaaggac	atccatgaaa	aaccaccac	taatgtcata	240
cttaatcatg	aaaaaccgaa	tgcttttctc	ctaagatagg	aaaaagacaa	gtatgtctac	300
tcatgccatc	tctattctac	tttgtattgg	tgcttctagc	cagggcag		348

<210> 26649

<211> 439

<212> DNA

<213> Homo sapiens

<400> 26649

atggctgtga	tgctcacagaa	catgtgaagt	cagaggnyct	atggaaggtg	aagcctctga	60
acgggagccc	aggcccaaaa	gatgggagcc	agacagagaa	aacgccctct	gcagaccaga	120
atcaagaaca	gttcgaagag	cactttgtgg	cctcctcagt	gggtgagatg	tggcaggtgg	180
tggacatggc	ccagcaggaa	gaagaccagt	cgtccaagac	ggcagctgtt	cacaagcact	240
ctttccacct	cagctttctgc	tttagtctgg	ccagtgtcat	ggttttctca	ggagggccat	300
tgaggcggac	attcccaaat	atccaactct	gcttcatgct	cactcactga	ccctccctcc	360
ctcctgggct	ccaggtcaca	actcccaaag	gagatgcagg	catggmtctc	tgccctctgat	420
caccatcact	gtatctcaa					439

<210> 26650

<211> 272

<212> DNA

<213> Homo sapiens

<400> 26650

ataccatctt	cgacacgggg	acaaatcccg	ggatggagtc	cagggtttcc	cgcggtctcg	60
gcgcttctctg	acctggcgtg	actgccgact	tgctcgccacc	accagacct	caggctccct	120
gtctgtagt	gtgaatcgac	cttcctcatg	gcagtccagg	cttcccaagc	cccatgtcct	180
gttgatccgg	gacaaactct	tccttgaacg	ttcttcta	cgagccgctg	ctgatctgta	240
ctgcctggag	gagcatttcc	atagcgcccc	tc			272

<210> 26651

<211> 208

<212> DNA

<213> Homo sapiens

<400> 26651

aaattccctg	attttaaagc	atcttcctct	ataagtcctc	ggtttaaaaa	caagaatcaa	60
caaggaacaa	gatttgtcta	taagtaaaac	cgtttctgtt	gctatTTTTT	gaacaacaag	120
agacatttct	ctaggagatt	aagccagtcg	tttatcatgt	tgtttcaggg	aagagtatac	180
tctgagttat	aatgtaatac	ccagacag				208

<210> 26652
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 26652						
atcatatgat	gttttggtat	gtttattcca	aagcagattt	aataaaaaact	gaactgtagt	60
tttaggtcaa	cttttaagcc	atggcgtgtg	cttgtggtcg	cagatacttg	ggaggccaag	120
gcgggaggat	cttgagttca	agcccagcct	gggcaaaata	atgagaccct	gtctccaaga	180
aaacaaacag	acaaaaaaga	attgccttct	ttcaaattat	acaattttaag	gaagggcagg	240
caacgtatag	ttgaaattat	ttgatcaaag	atcatagttt	tatgtaacmc	ndnagaagtt	300
ttcttgggca	gaacattgtt	atatttkatt	ttcttgcaga	tagragaaca	gtagaaggca	360
gtgcaatgta	gt					372

<210> 26653
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 26653						
tatggaagta	taggaagtca	ggaaagactt	ctgaggagtc	tacattttga	tgagcactga	60
gggagtttagc	gatgtgaaga	ttagggagaa	caaatttcca	ggctgtgtta	caaaggttat	120
tcaggattta	ccaaccagca	gaaaaggcta	taataagctc	tatcttagcc	tttcatgaaa	180
tcacgtatTT	ccaatacaaa	gaaatctaac	tgctacattc			220

<210> 26654
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 26654						
accatatgat	ccagcaatct	ctcttctggg	catatatcca	aaggaaatga	aattgccacc	60
ttgtaaagat	atctgcactc	ccatgttcat	tgcagcatta	ttcacaacag	ccaacatatg	120
aaaacaacct	aagtgtacat	caacaggcaa	atggataaac	tgtgatgtgt	acataaaaatg	180
gaatattatc	cagccataga	acagaatgag	atcttgctat	tggccacaat	gtggatgagt	240
ctgaaggaca	ttatgctaag	tgaaataagc	ctgacacaga	aagaggaata	ttgcatgatac	300
tcacttatat	gccgacggt					319

<210> 26655
 <211> 369
 <212> DNA
 <213> Homo sapiens

<400> 26655						
ttaagatctt	ttcgaagctg	ttaatttttc	ttagtggtgt	ggacactgca	gacttgcca	60
gtgctccac	ggcctgtacg	gacactgtgg	aaggcctccc	tctgtcggct	ttttgccatc	120
tgtgatatgc	cataggtgtg	acaatccgag	cagtggagtc	attcagcggg	agcactgcgc	180
gctatcccc	cacattctct	atgtactatg	tatgtatgta	ttattattat	tgctgccaag	240
agggctctgat	ggcacgttgt	ggggtcgggg	ggtggggcgg	ggaagtgtct	taacttttct	300

taagggttttg ttgctagccc ttcaagtgca ctnnrctatg tgactcggat ggtctttcac 360
acggcgca 369

<210> 26656
<211> 200
<212> DNA
<213> Homo sapiens

<400> 26656
catcaatgca ctggtgctct atgtcgggac tcaggccatt gcgcacatcc acaacaaggg 60
cagcacacct tcaatgagca ccatcactca ctacgacac atggatatct tccagaattt 120
ggctgtggac ttggacactg agggctcgcta tctctttttg aatgcaattg caaatcagct 180
ccgtaccca aatagccaca 200

<210> 26657
<211> 321
<212> DNA
<213> Homo sapiens

<400> 26657
aaaacattct gaatagttta tttgtcttga cggaaagtaa aaagaacaaa cttgttttat 60
acaaaatcag atgctccaaa tggtcagttg atgatgatac caatcaaaga aaactaagga 120
ggaagaaaaa gaaaacagga aagagaggag gcaacaggaa aatcggcctt cgtccttcag 180
tctacgcttg aaattgccag ggatggataa atctgaagat gaatgaaaaa aagaaactac 240
tggaacgga acagaaacaa aaaaaaagga tgggaaatct gaagctgcta tttcttattc 300
tgatcttaat agcaggatac a 321

<210> 26658
<211> 324
<212> DNA
<213> Homo sapiens

<400> 26658
atcgcgcggt gcgggtgcct ccgccgcgcg cgcgcccgga gcgggaggac ttctatttgg 60
aactgagtcg gacagctcag gactggctgc tcaaactcca caatttaatg aaaaatctca 120
gatgatgact cagaaaacct ctaatgatct gaggaatata ttaagggatt ccagagtcaa 180
aggctgatca tggagggcat tgatgaggga agacttcagc cagaaaacaa ccaactaaag 240
aaagaaataa aaagaaaaga agaaaggaaa gaaaggagag aaagaaaagg aaagaaggag 300
agagagaagg aaggaaggag agtc 324

<210> 26659
<211> 348
<212> DNA
<213> Homo sapiens

<400> 26659
aaaagcaagc tgccggaacc agcgggtggca actggcttgg gtccgcttct gcagtgtgtg 60
agttttgttc ttttgcctct tgtgataaat ctggcgcgtg ctactctttt gagtccctgc 120
tgcctttgtg aactgtaaca ctgtgaaggc ctgcagcttc actcctgaag ccagcaagac 180
caccactgg aaggaatgaa caactccaga tgtactgctt ttaagagctg taaggccac 240
tgtgaagggt tgcagcttca ttctgaagt cagtgaagac acgaaccac cagaaggagg 300
aaactctgga cacatctgaa catctgaagg aacaaactcc ggacacac 348

<210> 26660

<211> 390
<212> DNA
<213> Homo sapiens

<400> 26660
acctcttttg cctcagcctc tcaagtagcc agtattacag gcacctgcc ccatgcccag 60
ataatttttt tgtattttta gtagagacag ggttttacca tgtagccag gctggctctg 120
aacttctgac cttaaaccgat ctgcctgcct cgggccctca aggagctggg attacagga 180
tctccagcga tgtaatcgaa aaggcccgca acttcaagat cgtcacggag gtgcagcagg 240
atgggcagga ctacacttgg tcccagcact actccggggg ccacaccatg accaacaagt 300
tcactgttgg caaggaaagc aacatacaga caatgggggg caagacgttc aaggccactg 360
tgcagatgga gggcggaag ctggtggtga 390

<210> 26661
<211> 171
<212> DNA
<213> Homo sapiens

<400> 26661
tcttgacaaa atatgaccta gaagtgtttt gagtaatatt aaatcttaaa cacatacata 60
ttattaatga accatctgtg atttatctta taagaggaaa acatgacaat cattaaaatg 120
tttaccaaag aaaatatagc tgaagtgcta ggtcaaaata agcagtgcc c 171

<210> 26662
<211> 255
<212> DNA
<213> Homo sapiens

<400> 26662
ctaaagtgtc ttaaagtcac cttgtaactt gcactttata atcttgtacc tggaccttgt 60
aacttgtaga gtaagactgg aaccttggtta ataaggcatc atatttgaaa gctgtatttt 120
ttagttttct gttagtcac aactatagac agagagccac atcttcatga gtttaaaaga 180
aaatcttgct gtgaaggata cattgttgtt ttagtctgtt ttgtgttgct gtaacagatt 240
atctgagact gggct 255

<210> 26663
<211> 255
<212> DNA
<213> Homo sapiens

<400> 26663
agaaaaaaaa aaacaaaaac aaagawtttg ascctaggtc acttgtyccc tttccctgcc 60
tcagtgaat catgakttga gatacagctt ctaccascct ggtccccag gatccaaatc 120
aggataccac cttaaattta acataatgcc cttaaaaaatg aaaaagggtca gamccaagct 180
ctatccacag awtcaaatca aaatttcact ttggcatcct tcttttgctc acccttcacc 240
ctgttcccca cccag 255

<210> 26664
<211> 62
<212> DNA
<213> Homo sapiens

<400> 26664
atgtcactct gggagggaga cagcagcaac taagctgtac aagggttttt ttttttttt 60

tt

62

<210> 26665
<211> 383
<212> DNA
<213> Homo sapiens

<400> 26665
tggtttagtt tcttagatat taatcttaaa ttcataaaga tttttctaaa attggctagc 60
aagctaacct gtttttttaa tgatcttttt tctttttttt cttttttttt gagatggaat 120
ttcactcttg ttgcccaggc tggagtgcaa tggcgtgac ttggctcact gcaacctccg 180
cctcctgggt tcaagcgatt ctctgcctc agcctcctga gtagctggga ttacaggcat 240
gtgccaccac acctggctaa ctgtattttt agtagagaca gggtttctcc atgggtgtca 300
gactggtctt gaactcctga cctcagggtga tccacgcacc tcggcttccc aaagtgtctg 360
gattgcaagc gtgascaccg cgc 383

<210> 26666
<211> 231
<212> DNA
<213> Homo sapiens

<400> 26666
gagagggagg aagggagaaa gtgagaaggg aaatcggaaa gagaaaaggg aggaaacggc 60
agagccagag agaaagagga agagactgag tgtgaaggag agaggacaca ggggatgact 120
gagagacaga gagagagaga gagagagaga atgagacaga gacttaagga agagaccctg 180
tgagtctgac aataaaagat ttggacagam acagaragat tggagccaga g 231

<210> 26667
<211> 285
<212> DNA
<213> Homo sapiens

<400> 26667
cttaactcag cacaggcaca cagatgaaca aagataatat gtataagaat attcactgca 60
acatcgttta gtgaaaaata agaaacaact ttatatgctt accaatggag aaatggttat 120
tccacggtat atccagttaa aactaattaa atagctatat atgtaccaac ctagaaagaa 180
attcaagcaa atttctaggg taagatggca aattgaacac acgcctcaat tttattcctt 240
tatggcatcc cactaaaact caagattttt tttttttttt aaaaa 285

<210> 26668
<211> 120
<212> DNA
<213> Homo sapiens

<400> 26668
aatgtgacat cagtgcagtg caggaggcgc ttcaaaattc atggcagtv gtagagcaat 60
tttgtgcttt aaactgcagg ctccctgcat ctttaagaaa ataaaaataa caaggtgggc 120

<210> 26669
<211> 217
<212> DNA
<213> Homo sapiens

<400> 26669

004220" 6666660

aacatasccct gtaggtatga sgctacagaa agactcatga aggaggagag cccctgttt 60
 rcaaaagtcc aggcctatct ttggaaaatc aaggctgtgc aggagacggg gtcttgctaa 120
 gttgatcaar ctggtcttaa actcctgacc tcaagctgtc ctctgcctt ggccctctag 180
 agtgttgga ttacaggcat aaaccgctgc gccctt 217

<210> 26670

<211> 258

<212> DNA

<213> Homo sapiens

<400> 26670

agacattctg gtcctcacgg gccaaagctgg ccagagctcc aatcccttat cacagtgacc 60
 aaactacata gagaaaaaga ggcatgaaaa caaggactct tacaagactt gccaaatgtt 120
 aggctgaaca agtgaaatag ccatttttat gggttacaaa acagttagac atcagtaacg 180
 gcattgaatt ccacctaatt tgaaccaacg ggaaagggtca atacttaact ggattaaaag 240
 aagaaacacc tggagata 258

<210> 26671

<211> 339

<212> DNA

<213> Homo sapiens

<400> 26671

attcttgaga actatagaca agaaatgaga gagaactggg atagtctaag gccacatgga 60
 gatctgtctt gcaactatgtt gacttagttt agaggcccc gctggagagg agtcaggccc 120
 tttcttcttg gggtaatta agtccgatcc tcaattacct ccttgtttgt ctctcagacc 180
 ctggccgct attcagtcgc catatgtgcc tcggagccag gtaccagaca accaggaaca 240
 agccactga aattatttca agtcatcaag cctaagcctg ttgcccctgc ctaacccttt 300
 cattcctgca gaaaccacaa aaaaagggtt tcgcctact 339

<210> 26672

<211> 196

<212> DNA

<213> Homo sapiens

<400> 26672

gatccttttg agccaaagac tcgaacdrac atgcgagacc tctaccaact gaaggtttctg 60
 tgagcgcaact cctttgccaa gatcttggtg aatagcttt cactgtgcaa ttttatctta 120
 gaaattgttt tacgtttgat catgattgtg ctggtctgga tgttttttgt tggacttctg 180
 tgttacatgg gcacgt 196

<210> 26673

<211> 274

<212> DNA

<213> Homo sapiens

<400> 26673

gctaaaaagg aagggtacac agggcctyct gcagactctt cgaaacccat agggccagat 60
 gatgctatag acgccttgct atctgacttc acctgtgggt cgctacagc tgctggaaaag 120
 aaaactgaaa aagaggatc tacagaagtt ttaaaagctc agtcagcagg gacagtcaga 180
 agtgctgtc caccacaaga raagaaaaga aagggtggaga aggatacaat gactgatcaa 240
 rcactcgagg ctctgtcgrm ttcactgggc gcmc 274

<210> 26674

<211> 111
 <212> DNA
 <213> Homo sapiens

<400> 26674
 ttgtttcctt gaagaatgtg gcaacactgt tttgtgattt tttttgtgca ggtcatgcac 60
 acagttttga taaagggcag taacaagtat tggggcctat tttttttttt t 111

<210> 26675
 <211> 217
 <212> DNA
 <213> Homo sapiens

<400> 26675
 catctccatc gtaaatactc actggggcca gcaattcatc ctcttgagct tcttggctctt 60
 ctgacattta attttctgag gaacaaaacc aagtatgacc atgagagtga tctctgatca 120
 tcctcactgc tacactccca ccagggccat gacagtktac aaatgccttg ttgttttgtt 180
 tttttttttt cgtttttttt tttttttttt ttttttt 217

<210> 26676
 <211> 423
 <212> DNA
 <213> Homo sapiens

<400> 26676
 ggttgtttca ttgmactgdg ccttgagwtt cccaaggagt aaccataaaa gatttctttt 60
 attttgtcca tgamctacga gacaggakca ttctaagaag agcaggcatg aktktgagtg 120
 cagaygagtc actctkcctg caataacgcc aataattcta cagaaaaggg tgattaaagt 180
 atacagtga gatgaaacca gcagggcttt agatgtaccc agtgacataa cggctcgaga 240
 tgtttgtcag ctgttgatcc tgaagaatca ttacattgat gaccacagct ggaccctttt 300
 tgagcacctg cctcacatar gtgtagaaaag awcaatagra gaccacgaac tgggtgattga 360
 agtgctatcc aactdggrga tagaagaaga awacaaacta tacttttagaw aaaattatgc 420
 caa 423

<210> 26677
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 26677
 agatggaaaag gtactataacc tgataaaaact ggcgatgtat acattgacaa aggtggccat 60
 cagatactgg cagtcaaagc gatccatgat gcctccatgg ccaggaatgg ctcgtttgaa 120
 tccacttgcg aagaatcctc caaagggggc aatgagcgag gcaaagggtg agagagcgat 180
 gctgtgaatc tggaaggggt acatccggac cgttttctga gaagagtggt 230

<210> 26678
 <211> 138
 <212> DNA
 <213> Homo sapiens

<400> 26678
 aatcgctcta gcdacctttt aaccaaacac tgggtgcagat ttgctggcct acatgacggg 60
 gcgctgcac aacttcacca gggtaagaa caaccagcca kccaagtacc cactcaacaa 120
 cgctaccac acmtccac 138

0543695.03440

<210> 26679
<211> 339
<212> DNA
<213> Homo sapiens

<400> 26679
ctttttttga aatgttctag gccaaagtaa tgattcatgg attcagcaca ctttcctttg 60
ttgaaaagca ctgcttggtc cccctcaaag ctrtatgaga ggctgtgtag gagagagtgg 120
agagcaggta gcctaccgga cctacagttc accatttcag ccctgtaatt gaccagctgt 180
gggacctcag tgtgaagctt attcatgaag agacctctgc ctgaacatac agcaaattta 240
agaaggttgc gcagatagtc tgaaggagga ccagcagaga gaagagattc catcttccag 300
aggttgccac tgtctgcctc cccacttgtc cccgtccac 339

<210> 26680
<211> 186
<212> DNA
<213> Homo sapiens

<400> 26680
cctcagcctc ccgagtagct gggattgcag ggcggtgcc aacagcccag ctaatttttg 60
ttcttttagt agagacaggg ttccaccgtg ttggccaggt tggctctctg gctcctgacc 120
tcaggtgatc tgcccgcctc agccccaaag tgctgrratt acaggcgtga gcgcncaatg 180
cccagc 186

<210> 26681
<211> 170
<212> DNA
<213> Homo sapiens

<400> 26681
aacttcttca ggctgaatga ggcaatgata ttcttgccca actgtgaggg tctcttgcac 60
tcaaggtaga gaggagctca gtcagaaggc ctggttatga gctaactatg acatgaaccc 120
taaaatttct gttccctgga aggcagagac caagagaaaag taccgccatc 170

<210> 26682
<211> 473
<212> DNA
<213> Homo sapiens

<400> 26682
gtgtgttcct tctgaatggt aacagctgga ggtccatact atctccaagg atttgatggc 60
ctttaaaaac taaagwaaaa ccaggttggg gggtaatttt aggtttattg tatatagatt 120
tgcatggggc aagaacggaa tgtagaaat ctgtaatact gtatgctgat ggtaaaactta 180
ctgtaaggat ctcatctggg tatctggaag gtgatatggt tgtttctttg ttatatacac 240
agcatgttac agagatgtga tttttctccc cattaaacag aactaaaaga cagtatattt 300
atttaaaccg aaagcttttt ccccttttat gtctcctcat aaactccaga gacagtctgg 360
aaggccctct taaatttgct aaagagcagt aaagtgtctc acgctcagtt tttctagcag 420
atcgtaatac tctcagttga cctgctggg atttgaacct gcagtttcta tta 473

<210> 26683
<211> 84
<212> DNA
<213> Homo sapiens

09-1569 - DEED

<400> 26684						
aaatgttaga	dadwagcaag	gctgtcagcv	tggattcaag	ccaccacctc	ttggctggaa	60
gatgtgccct	tcgaatggtg	tctccaggat	cagagatgga	tctgtcttca	tctgtccata	120
ccccaaactca	ccttgttgct	ataagaaaact	gagccctcca	gttcaagaat	acaaaccaca	180
gagagggggaa	tactgaaggg	aaatctaaaa	ggtcagtgat	gtttctaggc	aaggcatctg	240
tggaaaagctg	acttctgcct	tcaaatgcat	ctggaatcca	accacctctc	accacctcct	300
ctgtaacccc	ctgtctagac	cactctca				328

```
<400> 26685
taat tttttgt atttttattt atttatttat ttatttattt atttttgaga cggagtcttg      60
ctctgttgcc caggtctggag tgcagtgggg gtgatctcgg ctcaactgcaa gctccgcctc    120
ccggattacg ccattctctt gcctcagcct cccaagtagt tgggactaca ggcaccgcgc    180
accaca                                           186
```

```
<400> 26686
atgcaaattg aaaccaaaaa agagcaagag agcctatagt ttatcacat aaaataaaact      60
taaatacaaga tgggttaaaaa aaaagacaag gccattatat aacgacaaaag gggtcagtagc      120
agcaagagga tataacaatg gtaaatatat atacacccaa cacca                                165
```

<400>	26687						
atcatansta	gctgagctca	cagaggctgg	cggacgtgcg	cccatggcg	gaggagctga		60
agttgcagcc	tgggaccagg	gaaatcaaga	gacagagcct	cactcggttg	cccagactgg		120
agtgcagtgg	cagaatctca	gttcactgca	cctctgccca	cgggttcaag	agagcttcct		180
gcctcagcct	cccagtagc	tgagattaca	ggcacttaag	tattttat	aaaagccaca		240
cttttaagaa	gacccaagct	caagccctgg	ctgcaccatg	taccatcctt	gcaaccctga		300
gcaagttgtt	tcgccacccc						320

<212> DNA

<213> Homo sapiens

<400> 26688

aacctaggct gctttactct tggaactgtc tttccctctt caccttccat gggctctctg	60
acctctttac ttgggtctgt tccacttagg cctgcccctc agcctcattg catggccatg	120
tgtaggttct tcttctagca gtgttctctg agactgctgt ggctaattgt ccttctgttg	180
caactgaccc ctggacacct tacttgagat ttggctctag aaagtagcac cac	233

<210> 26689

<211> 204

<212> DNA

<213> Homo sapiens

<400> 26689

tttttattct attcagttta aatcaggaaa ggatgaccag ttaaagagaa acatccaaaa	60
atagctttgt tttgtacca caggaattag aaaatataat gaaaagattt cgttcccagc	120
agcatcaaga aaagtagatt ttctagaaat aaacagttat ggaggacttg tatggagaaa	180
tttaagtctt cactgagggc cagc	204

<210> 26690

<211> 216

<212> DNA

<213> Homo sapiens

<400> 26690

ctttgggagg ccgaggcggg catatcacia tttcaggagt tcaagaccag ctggccaacg	60
tagtrvaacc ctgtctctac taaaaatata aaaattaggt gggatatgtg gtgcgtgcct	120
gtagtcccag ctacttggga ggctgaggaa ggagaatcgc ttgaaccggg gaggtggtgg	180
ttgcggtgag ccgagcctct gtactccagc ccgggc	216

<210> 26691

<211> 144

<212> DNA

<213> Homo sapiens

<400> 26691

acggttactg gggaaggaaa ctgcttcccc aggtcaaccc ggcagcctca gtaggtgagg	60
ggcactgggt agaatacttg gggtgccagg gaggcattaa tgccasakga gtcaggtgct	120
cagtttttak atggagttgg sass	144

<210> 26692

<211> 112

<212> DNA

<213> Homo sapiens

<400> 26692

aatcttsctg ggggcactga gtggtggctt cctcttctct gatagagtat cagctatgct	60
tattgtagta aacagtagtc agcagttgct cattcttttt tttttttttt tt	112

<210> 26693

<211> 228

<212> DNA

<213> Homo sapiens

<400> 26693
 gaaaatgttt aagttttttc gttcatttga aatgtagaat caaagtttca tttacatgca 60
 tattctatgt acttggtact ataatcttag agtttgttct attctttgta aacacagaat 120
 gtgaatataa attttctgcc atgttttgtt aggaataatg tatctctcca ttaatttgca 180
 tgttttcata ccattgactc ttaaatttcc atgaacacta gcccacga 228

<210> 26694
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 26694
 cttcctgcct atgctatggc tggatgaaca cagatgtgag gggatttgaa ccactctaaa 60
 tcaatccata tgtgaccaat ggaggagaag cagccccata g 101

<210> 26695
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 26695
 atcattctat gtagatttga cttaaagatga ggtttttact tgcctttatg tactgtgtat 60
 ttgaactgct catagaatcc cttgttcttt aaatacgctg tgcattcatg gataaaatga 120
 aatctatatg agatctctct gaggattttt gttattctta tgcttgtctt ctgagcatct 180
 tcaagtaatt gattttttacc cagtaactgc cctcatagag gtggacccca a 231

<210> 26696
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 26696
 cacacatata tataagtatt tttgagagag tttcactctt gtcgcccagg ctggagtgca 60
 gtggcgcgat ctccgctgac tgcaaccttc gcctcccggg ttcaagcgat tcttctgcct 120
 cagcctcccc agtagctggg attacaggtg tgcgccacca tgcccagctg attttgtatt 180
 ttcagtagag acaggtcttc accatgttgg tcaggctggt ctcgaactcc tgacttcaga 240
 tgatccaccc g 251

<210> 26697
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 26697
 agcaatttgc tgaggttcct taccacacct tggaagggtt gtkcttttgc tctttgcagt 60
 aaattttgct gctgctcact gtttgggtcc actctgcgtt tgtgagctgt aacactcatt 120
 gcaaaggctc gcarcttctc tcttgaagcc agtgagacca cgaaccacc aggaggaacc 180
 aacaattcca gacatgctgt cttaagagct gtaacactca ccgagaggtc tgcagcttca 240
 ctctgagcc agcgagatca cgaaccacc agaaggaaga aactccgars acatccgaac 300
 atcagaagga acaaaactcca gacagggccca mt 332

<210> 26698
 <211> 245

<212> DNA

<213> Homo sapiens

<400> 26698

acacctatac	waatttttat	tattakctgg	ctatgaagga	aakawatgca	cttaattggg	60
taaacagttt	atttcttatc	ttcttttaag	ctttctgaac	gaacagaatt	tggctagctg	120
gttttctacc	cttgaaagca	taaagaagct	tggactgtct	gaaaatactc	ttttctggga	180
gtatgttcgt	agacaactga	aataaactgc	aactcactgg	tgccaaatat	atcacacaca	240
gccca						245

<210> 26699

<211> 347

<212> DNA

<213> Homo sapiens

<400> 26699

cccaattctt	tctcatcttg	gaaaactgaa	actctatacg	tattaaactt	cccattcccc	60
cagcccctga	caatcaccat	tctaccttct	agctctgtga	atgtcacaag	tacatcatta	120
tgtgggatca	trmagtrttt	tdtwrtgact	ggcttattat	acttagcatg	atctacgttg	180
tagcaggtgt	cagaatttcg	ttcctttgaa	aggctgaata	atattccact	gggttttagat	240
acaccacgtt	ttgttgacct	attcaccocat	caagggacct	aagttgcttc	cacatttttag	300
ctacagtgar	taatgctact	agaaacataa	gggcacaaag	ctgggtc		347

<210> 26700

<211> 173

<212> DNA

<213> Homo sapiens

<400> 26700

ggcggatgtr	gtgacacctg	agctgkggcg	gttgtcaacg	tcctatacca	gttttgggtct	60
cagatacatt	gaaccgtaat	ttbgttctcc	aaataaatrt	tgggggtgtg	aatattttata	120
cggattggca	tcataaagat	accgcgatac	ctgcaggaaa	gtaaaggaga	cag	173

<210> 26701

<211> 270

<212> DNA

<213> Homo sapiens

<400> 26701

agggctgggg	amgaaatggc	aaactagggg	tcttacctgg	gccttcccag	ttgagactac	60
gtcaaaatgg	gctcccatga	gactgcctgg	ctcatgcaga	tggaaggcta	acatcttttt	120
agaaacaact	cgtgctaccc	tctcctgttc	caaaagcctg	tctggtcaga	atggtttgat	180
gagccctcct	cttcagctag	gaaaatgacg	gtgttcagaa	agttaaaact	tcttcgctgg	240
aaggatttca	tcttaaagtt	gggagagctg				270

<210> 26702

<211> 285

<212> DNA

<213> Homo sapiens

<400> 26702

tttgttttct	cgttattttg	tggctcttct	ttccttcttc	cttcctgtct	tccttttagt	60
gaaattgatt	ttctctgggt	ttatgtttta	atttcctgcc	ttttattttt	tgtgtatctg	120
ttgtatgttt	tttgatttct	ggttaccata	aggcttacaa	aaaatatctt	ataacctgtt	180

attttaaact gatgccaagt tgacactgat tgcataaaca gacaaacaaa taggcaaaga 240
gaaaactagt ggaaactctc tacactttta ctttatcccc cgcct 285

<210> 26703
<211> 385
<212> DNA
<213> Homo sapiens

<400> 26703
gacggcgtgg acgggctgcc caaggaggcg gtrggcgccg agcaaccgcc ctctcctgca 60
tccaccagca gccaggaatc caagatgrst gctaccacca gccaacccca aatgtcatca 120
ttggaataat ttcaataacc acaactgaca ttaccataat gtractgagt ktacctcttt 180
gggcttttag ttatgctaata tgattacaat gagacttcac ttcagctatt ttgcatcccc 240
aagaagataa gacatagact caccagcatg tgatttagat tttgaaatgg tgctataagc 300
cacccagtgc cctagtggag ccacggacca aagtgaccct cattcctgga ggattatttc 360
tgaacctgga ccacaatcca accca 385

<210> 26704
<211> 189
<212> DNA
<213> Homo sapiens

<400> 26704
taacatttct ttttgttggt ctcaatatta ttaaaacaac taaaagaacc taagtggag 60
aaaaatcaca catgctctaa gttaaaacttg tttgattatt tttataagac cttagctgag 120
tgtttgagga gtcacatc acctagggwm aagtgtgtag ctagcaattg gaagataata 180
tgggaaacc 189

<210> 26705
<211> 113
<212> DNA
<213> Homo sapiens

<400> 26705
taccgctcca gtarccgttt ccgaggcagc aggtgcggcc gctttagccc tgagcgggct 60
ctgcggctgc ctgcgagtct ctgctgtgcc gacccttctc ttcgcggacc cca 113

<210> 26706
<211> 362
<212> DNA
<213> Homo sapiens

<400> 26706
cttaccttca aaatctcgac caggttctca cattaaatgt cagakaaaaa tgccctcatg 60
cttctggcaa agggaggag aaaggaacga ttttgaaatg cacagagcac cctgttctta 120
acaaggcctt cccttaggag aaactattca accagagcct aagcccctga gatattatca 180
cagcctaccc gacctggggg agggaaatac cctactccag caactctagc catcctgtcc 240
cacataaggt ggggaggaga caagggactg agaagcactt gtgaagttca gaggcacagg 300
ctcactaaga ggctgwact arccacagga ccacagaatg ccttccccac ttcascaccc 360
aa 362

<210> 26707
<211> 135
<212> DNA

00000000000000000000000000000000

```
atctgcattg cctactgggc catgactgct ctgtacctgg ctacatcggg gcaaccccag      60
tatgtgctct gggcatccaa catcagctcc tccggctgtg agaaagtgcc aataaatata      120
tcatgcaacc ccacg                                     135
```

<213> Homo sapiens

tgctgtctga tgtacagtgt ttaggtttgt cttgacctta ttaaattcatg gaaagcggct 60
cctatgaggg aagttttttt tctttttctt ttcttttttt ttt 103

<213> Homo sapiens

aaagatgmct	ctgaagaatg	gcatgggatg	gatcctttcg	aatgcacttg	agcagcggtc	60
tccaaccaca	gggccacaga	gctggagctg	gatctaccat	gaaagacctc	tgaatccagg	120
aagagagact	gactgagcaa	catgttattc	aggggtctcca	tctgttgctc	aaggctggag	180
tgtagtagtg	ctatcacagc	tgactgcagc	ctcaaccttc	caggctgaag	cgatcctccc	240
atctcaacct	cccacgtggc	tgagactaca	ggtgcttgcc	actatgccc	actaatattt	300
ggaatttttcg	cata					314

<213> Homo sapiens

aaacatgaga	cttgccacca	tcttggaagc	agcccaccac	catcttgggg	gctctgggag	60
caaggacccc	cggatacta	taagaagatt	gggatagata	ctgagtggag	ctcagaaaat	120
cagctggata	caccccgct	gcagcagagc	catcagaaaa	caactcctga	ttttagtgtg	180
tcagattcaa	gtcaatgaaa	aaatgacgtt	tctgtgtgtc	tacttcgggc	taagcaccag	240
ggtaggcaca	agagagatca	cagggatgaa	ttagtcttag	ccccttgagg	attatcctct	300
cacc						304

<213> Homo sapiens

```
attatagtat gtatttagct aaaaagcaat taatataatt atagcagagt taagaattta      60
tatcagatca cgaataacat tttaatgttt caacaaaata tcccagaatt tgaattggaa    120
ggattgtttt gagttgctcc aatccaaagt gcttttttac atatctgagg gattt        175
```

 $\langle 211 \rangle$ 232

<212> DNA

<213> Homo sapiens

<400> 26712

acttgggtctt gccaaactgca ggaaattctt gcacactttc tctactttctc tctcatccct	60
tcttcctcct cttccttttc tctccctctc agaaaacccc cagtccctgta tgaagagagg	120
aatcctgcar mgaacgctgg gcaagcccta atggcctgga tcataggtgt tgataatgat	180
tgttccttat tataagcaga caacaaactg ctgagaacct gcgctgcggc cc	232

<210> 26713

<211> 227

<212> DNA

<213> Homo sapiens

<400> 26713

agacttgaag atgtgtgatt attttcagta ggcagacatc taaccctgaa aaccactcgc	60
ttgcagagcg ctggatcagc aatgcctact agttcttcat tcaaacaccg gattaaagag	120
caggaagact acatccgaga ttggactgct catcgagaag agatagccag gatcagccaa	180
gatcttgctc tcattgctcg ggagatcaac gatgtagcag gagagat	227

<210> 26714

<211> 114

<212> DNA

<213> Homo sapiens

<400> 26714

ttggaatacc tgagtcttag gtttctgtat aacctttccc cctagatagt catagtcaat	60
tttgtgactt tatgtatgat gatgataact cccaaatttc cacgtttttt tttt	114

<210> 26715

<211> 188

<212> DNA

<213> Homo sapiens

<400> 26715

gttaggccgc tctccgacgg cgtccttccc gaccgggacg cactctcctt cccgcctgtg	60
aggaccgcgt cgctttgtcc gaaagacagt rtggcctgct cgagttgcgt cggagcatct	120
ggctttgggg tggccctggg tgggactgcc tgtttggtt accgcgcaga ccttggcgcc	180
gccccac	188

<210> 26716

<211> 165

<212> DNA

<213> Homo sapiens

<400> 26716

tacaggtgtt tttgtaaata gtatttgcca tagaacaaaa ttgtgcgact acaccataa	60
aatgaagta taatcatgta tcactaactt tgggcctctc aagtcacag gatagaaaac	120
ttttattttg ctcttacata caaggtacta ttttaagctc cccta	165

<210> 26717

<211> 295

<212> DNA

<213> Homo sapiens

<400> 26717

tattaggggt	gggtattaca	gtatgtggct	cctatTTTTT	TTTTatTTT	TTTTatTTT	60
tatttttgag	accgagtctc	gctctgtcac	ccaggctgga	gtgcagtggg	gcgatcttgg	120
ctcactgcaa	cctctgcctc	ctgggttcat	gcagtcctcc	tgtctcagcc	ccccgaatag	180
ctgggattac	aggtgcatgt	caccatgcct	ggctaatttt	gtgtgtgtgt	gtatttttgg	240
tggagatggg	gtttcaccat	gttggccagg	ctgggtctcaa	acccctgacc	tcaag	295

<210> 26718

<211> 331

<212> DNA

<213> Homo sapiens

<400> 26718

aagctgtact	ctttcagcac	atttcctttc	atctccccc	tcttccctct	tctgtgctct	60
caagactttc	cccctcttgc	tgccacagat	gcagtgaagc	ctgccatata	taaggtacaa	120
tgtgtggcaa	ctctgcaggt	ggggtctatg	caagctacag	acccctctga	gtgtgggtcag	180
tgccctagcc	tggcctggat	gcctaccagg	ccccaccaac	acctagctgc	tggtatattat	240
aatggcatgg	tggttttctg	gaaccttccc	actaactcac	ccctgcagcg	gatacggctc	300
tctgatggct	ccttctagcc	ctaccttctc	t			331

<210> 26719

<211> 249

<212> DNA

<213> Homo sapiens

<400> 26719

ccccctgttg	cgcatgtaga	tcatttttga	atttggtatt	ggaaaatact	gcagcaaata	60
ccttaaagtt	cacatgccgt	aaatctactt	ttatagttaa	aaatttttaa	aaggaacaca	120
tgagatggct	ttttgtacat	ttttgtgctt	aacttaccac	tgacttcttt	tcaaggtcac	180
tctggaatat	agaccogtaa	tcgacaaaac	tttgaacgag	gctgactgtg	ccaccgtccc	240
cccagccag						249

<210> 26720

<211> 175

<212> DNA

<213> Homo sapiens

<400> 26720

gaacccagt	tcctcgggc	tgacaagaac	cacttcccaa	gacccacagt	gcctggagag	60
gacatgggga	agggaccagt	gtatcagttg	cgtggagata	ctagagacac	acttgcccag	120
ctgggaattg	cagagctagt	gcatttctcc	caaagcacag	actaatacc	cagac	175

<210> 26721

<211> 224

<212> DNA

<213> Homo sapiens

<400> 26721

gaatgtacat	ggcctcaggt	taaaaatggg	gccttgagaa	gtgtgatcct	cttagaccct	60
gaactggttt	ggggagtggg	gaatggagta	tgaagtga	ggaggagttt	ggttttaga	120
gttttagatg	ccagagggcc	atccaagtgg	aaagataatc	accagacaat	aggaaatgca	180
aagttgaagc	ttgagccagg	ctggagtcac	tgattcagga	gctc		224

<210> 26722

<211> 300

<212> DNA

<213> Homo sapiens

<400> 26722

attcggcaga	gatgaagtct	cactatgttg	cccaggctgg	tcttgaactc	ctgacctcaa	60
gcaaccctcc	tgctcaagcc	atcttcccac	cttggcctcc	cagagtgttg	agattacagg	120
catgagccac	cacacgctgc	ctatTTTTTT	tatttttaag	aatttttttg	ttgttgccca	180
ggctcaagcg	atccacccac	ctttgcctcc	caaagtgttg	ggattatgtg	tgtgagccac	240
agctcctggc	ctctTTTTTT	gtttttccta	tcccaagttg	tattactagt	tttggggagt	300

<210> 26723

<211> 186

<212> DNA

<213> Homo sapiens

<400> 26723

atcatgcacc	ttaaaagttt	aagaagcact	gtaggggctt	ctgggttttt	ttttgttttt	60
gttttgtttt	gttttgtttt	gttttgagac	agagtctcac	tctgtcacc	aggctggagt	120
gcagtgggtg	aatcttggtc	cactgcaagc	atagactccc	gggtttcacg	ccattctcct	180
gcctcg						186

<210> 26724

<211> 169

<212> DNA

<213> Homo sapiens

<400> 26724

atatatagag	atgagagagg	ggaatctctg	agggatgtag	taacttgcca	aggctacaca	60
gctggtaagt	ggcagccgga	gatttcagca	aggcctgtca	gactccaaag	cctatgttct	120
ttctagcacc	ccaccccgct	tttcatgtaa	actcttgctc	ccagagagg		169

<210> 26725

<211> 415

<212> DNA

<213> Homo sapiens

<400> 26725

agtctagtct	gaacactccc	tcctggaagg	attttcaact	cttttagcccc	acctaatacac	60
ttcttgtcct	tatgagcagt	caagagccct	gccatagcct	tccagtgtcc	agcccatagc	120
ctagatagat	gacagagaag	agccttgaca	agtctcacct	acttcacagc	accttgcaat	180
agataccttt	acaatggaaa	ttctctggca	aaggacaagc	ccatcccatg	tgctgtgggt	240
atttttacca	gccattaca	aagagaaact	ccttggcaca	attcctcatg	gacacatatt	300
gctgaagctt	gttcaagatt	tttaaaaatt	ttttatattc	aggcacctta	taaaatttat	360
tcttcacatc	cctttgggtg	agccctgagc	cacttgagct	gtgaagcagc	cccca	415

<210> 26726

<211> 186

<212> DNA

<213> Homo sapiens

<400> 26726

atcatgcacc	ttaaaagttt	aagaagcact	gtaggggctt	ctgggttttt	ttttgttttt	60
------------	------------	------------	------------	------------	------------	----

gttttgTTTT gttttgTTTT gttttgagac agagtctcac tctgtcacc aggctggagt	120
gcagtgggtgc aatcttggt cactgcaagc tmtgactccc gggtttcacg ccattctcct	180
gcctcg	186

<210> 26727
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 26727	
ctaaactggc agaaatagca ggtatgaagg atttaagaga aagggaaaag agtacaaaaa	60
agatgagtc tttctttggc aacttaccag atagaggtat gaatactgag agtgaagaaa	120
ataaagattt tgtaagaaa agggaaagt gcaagcaaga tgtgatcttt gacagtgaag	180
gagaatcagt agaaaagcca gacagttaca tggaaggtgc aagtgaagaa caagggtaga	240
ggagaaatgg agaggccagg agaggagag aaggaactag cagagaagga agaattggaag	300
aagagggatg ggaagagca ggaag	325

<210> 26728
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 26728	
cagttttttt gtaattatga aatgtgaata tgtttacttg taccaatatg tgattgtttc	60
tttatggtat atgtggagga gtgatattgc taagggtgaga ggatatgtgc atcatcagct	120
ttgccagggt ttgtcaaatt gctttccaaa gggcttgtgc caatttgtgc agccatagta	180
tataattctt tccggtgccg	200

<210> 26729
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 26729	
taaaaaatat acataacgat gaaaaataat acaaatttaa aaaccaatac agtataacaa	60
ctattttacat agtgcttaca ttgtatttag tggtataagc aatctagaga tgatttagca	120
agtatacagg aggatgtgcc taggttatat gtaaatactg tgccatttta tatcagggaac	180
ttgagcatct gcagatatgg gtatcggagg gcggtcctgg aaccaagcat ccacggatac	240
tgaggggcga c	251

<210> 26730
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 26730	
aacttcattg ccaactttga ataggcagtt atagaaactc ttattttgtcc tcctaggaca	60
tgccattttt tttttccttc tcatggccct cattttcctt ttgaattttt tttttttttt	120
t	121

<210> 26731
 <211> 285
 <212> DNA
 <213> Homo sapiens

<400> 26731

atctccat	ttt	gtctgt	at	tttaaa	att	tcttca	at	atagggt	gat	tctgt	agggc	60
aagataga	ca	tggtaat	aga	tagact	gtag	aaatgaa	aga	ccaaact	cgt	ttttt	wcctt	120
gawaacata	c	cagcaa	acac	actcat	ccca	tgcatt	gtt	taaaaa	tcca	tcaat	agact	180
ggcgcggt	g	gtcacg	cct	gtaat	cccag	cacttt	ggga	ggccg	aggca	ggcgg	atcac	240
ctgaggtc	ag	gagttca	aga	ccagc	ctgac	caacat	ggag	aaacc				285

<210> 26732

<211> 201

<212> DNA

<213> Homo sapiens

<400> 26732

ccaaatgg	tg	aatcatt	agt	ctcagat	gga	tggtcc	cctgg	aatta	agaca	gccaa	actacg	60
tagtca	attg	tgaggaa	aga	ggaaa	ataaa	gggcaca	aaat	gaagt	gctga	aaatg	tgtca	120
tctaaga	tga	tatttca	aaa	gctgag	ttat	tagga	atttc	atgct	gtttt	taata	cgtag	180
agaacag	aca	atcccc	catt	a								201

<210> 26733

<211> 406

<212> DNA

<213> Homo sapiens

<400> 26733

ttgtata	aaaa	taaatc	attc	agaag	agcgt	tgcaaaa	aga	rcagaaa	aat	attatt	tttgt	60
acttaaa	aat	rtagtt	gttt	agttg	ctara	tgttg	agaga	ctarttt	t	ttttat	kttw	120
wtgga	acaga	gtctt	gtct	gtcgcc	cagg	ctggag	tga	gtrac	atgat	ctcgg	ctcac	180
tgcaac	cctcc	gcctcc	cagg	ttcaag	tgat	tcttg	wgcct	cagcct	cctg	agtag	ctgga	240
attatag	gca	catgt	cacca	tgcc	tggtca	atttt	gtat	ttttag	taga	gacag	gggtt	300
tgccat	gttg	gccagg	ctgg	tctcg	aagtc	ctggc	cctca	gtgat	ccacc	tgctt	gggcc	360
totcaa	agtg	ccggg	attac	aggtat	gagc	cactg	ggcct	ggccat				406

<210> 26734

<211> 460

<212> DNA

<213> Homo sapiens

<400> 26734

tttgcaga	aaa	cgaggc	ctca	ctatat	ttgtc	caggct	gagt	ggctct	tttta	ttaacc	agtc	60
attacact	gc	ggaac	agcca	acata	gagta	cttgct	ctcg	tcctgt	gaat	tttctt	tcac	120
gagggag	tca	atatg	tagtg	gaaaga	agca	tgtag	caaaa	aagaca	aacct	tgatct	tttaa	180
taaaaa	agaa	gttggt	tttat	ttccaa	aaata	aatccc	ctga	caaaaa	aacct	ggtgat	gtta	240
agcaatt	gac	tgtctt	tagag	tccag	cagaa	gacct	tagaa	aaaaaa	agca	gaacc	actg	300
gagtaga	aaaa	ggaag	catgt	agcata	tact	cagtag	tga	attta	atttt	actg	actgtt	360
aggtat	ctat	gccaa	tttgt	tttcata	ctt	cagttg	ggtt	tggaat	ctgc	ctkata	acct	420
atatttt	attt	atcaca	ctc	ataag	catca	aatatt	tta	aat				460

<210> 26735

<211> 197

<212> DNA

<213> Homo sapiens

<400> 26735

tgtccctgac	aaccatccat	actgtgtagg	tgcagccaga	tccagggtt	tgcaatttgc	60
tgatgtaatt	gtgttatttg	gtgccagact	aaattggatt	ttacattttg	gactgcctcc	120
aagatatcag	ccagatgtga	agtttatcca	ggttgatata	tgtgcagaag	aattggggaa	180
taatgtaaag	ccctcgc					197

<210> 26736
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 26736						
aatcatataa	acgagggtta	aagacagttc	ggtaatccct	gtggacaatc	atgaaaacta	60
actaagcttc	caaatatatt	ttggctgtgt	gaactaatta	gaatggagtt	ttctatctca	120
tagagatggt	tcaaaaaagt	aagagagcat	tcaagggtatt	tctgagtgtt	tcctgcatca	180
aagaacacac	aatctaagg	aatgttagct	tcctctcctt	tcctcaggcc	a	231

<210> 26737
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 26737						
attctagaat	ctacctcttg	aagattacaa	atgagactgg	gaaaccctct	tcaataagac	60
ctgtgtgatg	atagattgtg	tcctgagccc	gcagtcaggc	tgaaagagtc	aacaaccagc	120
aaagtgaaga	tctaggagtc	tgttccccct	gaacctgtgt	ggacctgac	aaacctcgag	180
ggaaaggctg	ggagaacaca	tcctgggtca	gctgtaggaa	agccagagag	catttgagaa	240
gaggctggag	cttgaatttt	gcaaacacac	aagccctctg	catttcccca	gagagaaggt	300
ttttttctcg	tcttcatttc	ctttgaaaca	cctgag			336

<210> 26738
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 26738						
aaattctgca	agtdgatgat	gacagtggcg	accctctgaa	tttggttaaa	gtccagtg	60
caagggtccc	tccaaggag	caggtaattg	aagacaatat	ggtcctcag	ggaaatgcct	120
gadcaggaaa	ctacagttgg	tgccatccag	gaccacacag	aatccagtg	tcacaactaa	180
gaataaatac	ctagagctac	ttgtgagtga	atcattggct	tctagaaatc	agatgcccag	240
atgatccawg	actagtttgt	tatctcatct	ggaacctaca	ccaagagatg	cagthagcat	300
cttaragtaa	atgttcatgg	aagcta				326

<210> 26739
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 26739						
atggtagtga	ataagmtca	tgaggctctga	tggttttata	aatggatgtt	cccctgcaca	60
tgctctctcc	tgmccaccat	gtctgactaa	attttgtatt	tttactagag	acgggctttc	120
actatgthgg	ccaggctggc	ctccaactcc	tgatctcgtg	atccgtccac	cccgaacctcc	180
caaagtgccta	ggatcatagg	cataagccac	cacacccggc	cgaaa		225

<210> 26740

004220" 666E7560

<211> 156
 <212> DNA
 <213> Homo sapiens

<400> 26740
 agctgcccac agtcatacctt ctccatccca ctgaccttcc acccgtgacc aatcaggaga 60
 tgtttccagt wtattggtga atttattagg gctcagagag gatgacctat ccaagggtccc 120
 actgccaact gaatgttaga caagtctctg aatccc 156

<210> 26741
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 26741
 cargtactgt aagcaagtca sttagcatca gtaagcctta gtttccttgc ctataaagtg 60
 aggataaaaag tgtctgtctat aggaggatta cttgagccga ggagttcaag gttacagtga 120
 actatgattg tgtcactgca ctccagcctg cgtgacakag caagatc 167

<210> 26742
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 26742
 agaactatcc tttcttctcc catrgtgtat cctcactgtc cagractctc ttctcagaag 60
 cccactcctt cccctgtgct gtttatatgc ttaatgaaac caagtaccca aagtgamcgt 120
 ttcmaactrw kactakgcag ctaagtagac tcc 153

<210> 26743
 <211> 325
 <212> DNA
 <213> Homo sapiens

<400> 26743
 cagtatttag awaataacttg cattcatcta gtgattttgt ttgattttgt tttacagtga 60
 agcctgccta cagttttcac aaatctgtat cctttcagta aagaatggct tatatatata 120
 catttaatwt accttccttt tgggttaattt atgaaattta gaaattattc atttttattt 180
 aggaaatcat acattccttt ttatggaaac tttattacta agtgcctca tttaaaaaaa 240
 atgttattat aggaaatttc aaacatatat aaaagtaact caatgggtga gtgcacccca 300
 tacattgaga taatatattg cagct 325

<210> 26744
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 26744
 cttttgcgac aggggtcttac tgtgtcatcc aggcctggagt gtagtagctc agtcatggct 60
 cgctgcagcc tcaacctttt aggcctcaaga gatactcttg ccttagcctc ccaagtagcc 120
 aggactacag atgtacatca tgactcctgg ctaattaaaa agcatttttt tttttttttt 180
 ttt 183

<210> 26745

<211> 361
 <212> DNA
 <213> Homo sapiens

<400> 26745
 gaggaacag atttggtgag caatgagctg gcctccggca cagggtccagg gtagaatgac 60
 aacattgttg gagtagagac ggggtttcac catgttggcc acgctggtct tgaackmcct 120
 gacctcaaat catcgaccca cctcagcctc ccaaagtgtc tggattacag gcgtcagctg 180
 tcrstctcct tggtatctgc agtctggtgt gcaggctgaa gaaacaaccc tgtgtgggac 240
 actgctggtc ttctggtaga aagaaaagaa agatgatgga atcacactgt gattcagatt 300
 gtgggctgca cttccactta cgtttttattg gctaaagtgt gcctgccctc aaccgggas 360
 a 361

<210> 26746
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 26746
 taaaaatatc taactagtaa accttaaaaa acatagttat ttataaagta gctggggcca 60
 rgtgcggtgg ctacgcctg taatcccagc actttgggag gcagaagctg gcaartyama 120
 aggtcagaca ttggagacca gcctggccaa tatggtgaaa ccccatctct actaaaaata 180
 caaaagttag ctgggcatgg tggcaggcac ctatagtccc agctactctg gaggct 236

<210> 26747
 <211> 375
 <212> DNA
 <213> Homo sapiens

<400> 26747
 cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
 cagcccctga caatcammat tctaccttct agctctgtga atgtcacaag tacatcatta 120
 tgtgggatca tacagtattt ttttgtgact ggcttattat acttagcatg atctacgttg 180
 tagcaggtgt cagaatttcg ttcctttgaa aggctgaata atattccact gggtttagat 240
 acaccacgtt ttgttgacct attcacccat caagggacct aagttgcttc cacattttag 300
 ctacagttaa taatgctact agaaacataa gggcacaagg ctgggtctgt gacaccctgc 360
 ttttaattct tttgt 375

<210> 26748
 <211> 112
 <212> DNA
 <213> Homo sapiens

<400> 26748
 agagagaacc gccatgaaga gagaaggggg tgccgccac ctctgctccg acagcctccc 60
 ggagtcccag cagcaagacg gcaaccacgc acccaacttc tccagccacg gc 112

<210> 26749
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 26749
 tcaagaaaaa taatgccgcc ttaatcctgg atgccaaggt caatcatctc tgtgcccttt 60

gatagtaagg	atgtcattat	gaaagggttt	ttaatgaaca	tgaacataat	gctcgccgca	120
ctcctcaggg	agatggatgc	gttctgcaac	ttcgggatgg	ccaggtgggc	cttcattgck	180
grraaaaatg	attttaaaac	attagctcta	ttagaaataa	atcccgaaca	gctggttgag	240
gttgacagacc	agccgtaccc	agcagtgatt	gagaaattca	ggaatgagct	gcagcaggtc	300
aaanvvtgas	aaggggcccaa	gccctgatta	gcggttgggc	aacacagcg		349

<210> 26750

<211> 125

<212> DNA

<213> Homo sapiens

<400> 26750

gtattccgag	gtccaggata	cagaggctga	aactctgact	ggttttttga	atggcattga	60
gtggattctt	gaagaagtgg	aatctaagcg	tgcaagatga	ttctcttttc	agatcttggg	120
aacgt						125

<210> 26751

<211> 210

<212> DNA

<213> Homo sapiens

<400> 26751

aactgtcctc	ttgagagcca	tcttgccctag	ctggggccaag	ccgagatagc	acactcaacg	60
cccagcatgc	cgaggaggag	gagacgccga	gggtcctccg	gtgctggcgg	ccggggggcg	120
acctgctctc	gcaccgtccg	agcggasttt	cgtttttcagt	gagccakgtg	gagcgcagtc	180
tacgggaggg	ccactacgct	cagcgcctga				210

<210> 26752

<211> 351

<212> DNA

<213> Homo sapiens

<400> 26752

cctagtccat	gttcctccct	ttgcctccat	gcagcacagt	atgtaaacca	gcagcaagaa	60
tgccggggaa	gaaatcaacc	tgtaaaatac	attgatagag	gactggttag	acacatagaa	120
gagcttccag	gccacgaaaa	ctcatcagcc	attttaaaga	ttgtgacaat	tagtgtgtgt	180
cttccatgaa	aagattccta	aagaatattg	ttaagaaaag	aaaaaggacc	ctaattattac	240
atgtacagtg	tgatgatttt	gcattgggtg	tacacacaga	tcaaactatg	gaacattttc	300
agcactgagg	gaggctcttt	tggggctccg	cccacctggc	atcccacccc	g	351

<210> 26753

<211> 144

<212> DNA

<213> Homo sapiens

<400> 26753

tgcagtgaca	cagtcatagc	tcgctgcggc	ctcgacctct	cgggctcagg	tgatccttct	60
acctcgggca	cctcagtagc	tggtactata	ggcgtgtgct	accacacctg	gctaaatttt	120
gtattttttt	gtagagatgg	ggta				144

<210> 26754

<211> 213

<212> DNA

<213> Homo sapiens

<400> 26754

aaaatgctca tcgtcactga tcatctgaga aatgcaaaac aaaaccacaa tgagatacca	60
tctcacacca gttagaatgg caatcattaa aaagtcagga aacaacaggt gctggagagg	120
atgtggagaa ataggaacac ttttactctg ttggtaggag tgtaaaactag ttcaaccatt	180
gtggaagaca gtgtggcgat tcctcgagga aag	213

<210> 26755

<211> 211

<212> DNA

<213> Homo sapiens

<400> 26755

agtttgagta atttcagcgg actctgggct ggaggagtgg aattagctag tcctgtgagg	60
gcagtctctc aaggatcaag gccccagatg ccagagcatc aagaatatgg aaaatcagag	120
aacatgatca atataccagc tcatccctgg atgaagctcc ctgcctttcc tcatacagac	180
aaaaaagtgc aatcctcaat tttccggccc c	211

<210> 26756

<211> 90

<212> DNA

<213> Homo sapiens

<400> 26756

tcaagtaatt tcaactagtgc ctcatTTTTa aactgctact tgTTTTtagtt ttctttgttc	60
tctgtaatac agtcaggtag ctggactttt	90

<210> 26757

<211> 466

<212> DNA

<213> Homo sapiens

<400> 26757

gtcttgggky gttctagctc tcaaagaact tcccggcagg actcagctgg agccccctgcc	60
tactaacctt ggatttattt ttctacaagt tccttcattc ttaaaggggc aggaagtggc	120
tagctcaaga gctctgaatt ttaggcctag atcgtgtcac tagccacgtg gggcacgtaa	180
gataaatcac aatttttggg tccagcttat tattgtaaaa aggaagaaac tgggcttgac	240
tagaattgtc cctaaggctg aagcccttta gaagtcctaa gcactgaaaa ttcaggtctg	300
ggccgaatcg ttcaggctga agaatatcta ttccaagccc agtggacagt cctcaaatca	360
actgactgta gtaatgccac ccactcttta ctgcatcgga atctgggact tctctatata	420
gctargaraa actatgaaga agccgttatc atctggcyaa tgatat	466

<210> 26758

<211> 307

<212> DNA

<213> Homo sapiens

<400> 26758

agaaaatact ctggcaggga tcctatcttg ccctcctaca cccgcakaa caatcatcag	60
ggttaagaaa gcctttcaca tcttagtata ttaataattt ggatcagctc gctttcttct	120
cagttgccca ctgaaagggt tgtaggtgct taactttggt ttgtaaggaa aagaaggttg	180
ctgatttgcg ggcattgatt atttctcgaga aaggattggt tgggtgttat gctttactgg	240
agttagggac ttagcagttt gagtggactc tgcattctgat aagtgtagca gtaggtgata	300
aagaatt	307

<210> 26759
 <211> 215
 <212> DNA
 <213> Homo sapiens

<400> 26759
 caagataggc tgatgtggta ataagccctg gtccctgctcc ctaggaaata agagtccagg 60
 cattgtcttt caggatgttt ttctgggtatc tggctgggatg ttagcatttt ttcagtcaaa 120
 aactgrgagt tgggaggagt gcgtggggca caggagatct ctttgatggc tggctcctcg 180
 gaaaacaata aatagctttt agagagaagg gagct 215

<210> 26760
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 26760
 agcatagcaa cagcagcgta skasacatct tacggatggc ccagggctcc aaaggctcgt 60
 ttcctaagtg agagagagcc tggctgaagc tgtattacca ttcattctcc agcctccgaa 120
 gtctcaaagc atcacttcca ccatactcta actgtcaaga caaacacaaa ggccca 176

<210> 26761
 <211> 394
 <212> DNA
 <213> Homo sapiens

<400> 26761
 ttgtctttga cttctgtctt tcccttccac ccacagttaa ccaggaaatc ctgccatctc 60
 cgcctttatt ttattttatt ttttgagatg gagtttcacc cttgttgccc aggtgttagt 120
 acaatggcat gatctcggct cacggcaacc tccacctccc gggttcaagc gattctcctg 180
 cctcagcctt ctgagtagct gggattacag gcacctgcca ccacgcccag ctaattttct 240
 ttgtktgttt gtttgttttg agacagagtc ttgctctgtc ccccaggctg gagggcagtg 300
 gcacgatctc ggctcactgc aacctctgcc ttgcagggtc aagctattct tctgcctcag 360
 cctccctagt agctgggact acaggcgtgt gccca 394

<210> 26762
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 26762
 aacaacgcgc tctgattctc ttccaaataa tgggaagggtt tttccccccg tttttacagt 60
 aagttttgct gctaatactt ttggattttc actgcattta tgagctgtga cattcactgt 120
 gaaggtttaa ggttttgctg ttgaagctgg caaaaccaca aaaccaccaa gagaaactaa 180
 cagttccaca ggcactgtct taagagctgt aacaccacc atgaaggctc gcagtttcac 240
 tcttgagcca gcgagaccat gaaccacgag caaggaaaaa agtgcaagta catccgaact 300
 tcagaacatc agaaagaaga aactctggac aag 333

<210> 26763
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 26763

tgcaggacaa	gttttgcttg	tgagattttc	cctgtcaggc	ctcctaaata	gttttctgca	60
acatccttag	agaaggratt	gagggggaaa	aagtaggttt	tctgaaaagg	aragagtgat	120
tgcaggtaca	cagatcactg	gggtcccagg	tgttttgagg	aagtcacaaa	gcccccttcag	180
aatctgttta	aagtcataga	gcctcttccc	agaaaaacac	acatgccatt	ttctacactt	240
cttgggagtt	caccacactc	ccgcatctga	ggccaaacta	tggatcttcc	agggggttaga	300
gcccccttccc	ctgtaggggt	tttcctgatg	agttattttt			340

<210> 26764

<211> 116

<212> DNA

<213> Homo sapiens

<400> 26764

acactcatga	ttttacaggt	ctggggccca	tggacccctt	tgaactggat	gattaccatg	60
aaaagatggt	agcagagtta	acacgaaaga	taggatttga	cccagagccg	caaaag	116

<210> 26765

<211> 225

<212> DNA

<213> Homo sapiens

<400> 26765

ttaacgtctg	tcattagcat	ggcacatttg	ttacaattaa	tgagccaata	ttgatacatt	60
attcactaaa	gccacaggt	tgcgttaggg	gtcattcttg	gtggtgtacg	ttcttcaggt	120
ctggacaaat	ctataatgac	atgcattcac	cattactata	tcacgcagag	tcgtctcttg	180
gccctacaag	tccctcatt	ccccacctgc	tcactcctcc	ttccc		225

<210> 26766

<211> 430

<212> DNA

<213> Homo sapiens

<400> 26766

attttatcat	ctcatatcat	cacaagtaaa	agaagagtct	tgctgstgct	ccctcttttg	60
gtccgcactg	cctttatgag	ctgtaacagt	caccgcgaag	gtctgcagct	tcaatcctga	120
ggccagcgag	accacgaacc	caccaggagg	aatgaacaac	tccggatggg	aggaatgaac	180
aactccggat	gggaggaacg	aacaactcca	gacgcgcgcc	gctttaagag	ctgtaacatt	240
cactgcgaag	gtctgcagct	tcactcctga	agccagcgag	accatgaacc	caccagaagg	300
aagaaactcc	gaacacgtcc	gaacatcaga	aggaacaaac	tccaggaact	ggtgggaggt	360
gactggatca	cgggggtggt	tttccccatg	ttgttcttgt	aatagtgagt	gagtyctcac	420
gagatctgtt						430

<210> 26767

<211> 230

<212> DNA

<213> Homo sapiens

<400> 26767

agacaggaga	ctgaagctcg	gaaatgttaa	caggctctac	ccacctgcaa	gctcccgttt	60
ccatcascgc	tgctctggag	atagctccag	aatttctttg	catgggagga	gcctagggaa	120
gggccacgct	tttggaatgg	aaacgtcatg	ggcttggttt	gctcatttca	gtgggaatcc	180
catggcactg	ccgagagtat	ttctttttat	tttatttatt	ttgggaggtc		230

<210> 26768
 <211> 244
 <212> DNA
 <213> Homo sapiens

<400> 26768
 catttatagt tatcattcat tatgttttagc agtcatagac cttaaattga gaagggcctt 60
 taggaagtta ccgttccatt ttaaagcaga taaaagagat aattagtggc accaatgaag 120
 ggtagacaag catattgggt acccgatacc ttctataaaa gggagtaata tagaatcgac 180
 ttatcctat gaggggaaag gcctagctgt agttagtaaa aatattactc tggactaatc 240
 atgc 244

<210> 26769
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 26769
 agttagggtc gcactcatca cggggccccc attgcctctg gcgcacccca cgactgacat 60
 ctgcggggcc ttcgcgctag gcttcgagtt tcagcttccg caccaggcct gcctttctgm 120
 mggggccagg gtggggdctg tgtgctgatt gggccctctg aaccgccacc gctgcagagg 180
 ggctgttctt tccgtcacat cccttggtgcc cgaatccacc ctgtgtcttc tcttttctca 240
 gcaggacatt ttaaaagccc agacccctc cttacagagc aaatgtccag gcttcggagg 300
 tcaactgtcac atcccaagaa rcccc 326

<210> 26770
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 26770
 gtgactccgg gggctccgcc cgtagccttg gccagtcctt ggggtccaag gctgagggag 60
 cgggacggaa gtragcgggt cccgcccctt ccccttctcg tctccgttgg agtcgtctct 120
 gwmgcggcg 129

<210> 26771
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 26771
 tcaactcttg ttattccaac tctcctcacc cccaccacca agagaaaacc tggaaattca 60
 tcaacagagg acagactaaa gtaggagctt tcatatgatg aactgctaga gactcattta 120
 aaaaacgata atacaaacct gtatttactg accaggaaag acatccatga ccc 173

<210> 26772
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 26772
 aaggatggtg tggmgtgtgt ygctgcaggg aaggcttccc agtggaggtg gctcctgagc 60
 tctaggaraa gggaagttag tvtccttcca ggcagaggga acagcaggtg caaaggcctk 120
 ggggctcgtc tataaggccc gctggagtsa caagccccak sccagactct ccaacgctgg 180

acctgcakcg cccagccctg ccttgggtgct accacctgcc agctctgtgc ctgccccctcc 240
actagatcat gasttcgggt csrgctccct cactctccat gcctctcact tgcgggtgt 300
gccccgttg 309

<210> 26773
<211> 230
<212> DNA
<213> Homo sapiens

<400> 26773
cgagtagctg ggattatagg cgtgcaccac cacactcggc ttatttttgt attttgagtg 60
gagacgggggt ttcacatgt tggccggggt ggtctcgaac tcctgacctc aggtgatcca 120
ccctcctcgg cctcccaaaa tgctggaatt ataggcatga gccaccatgc ctggcctata 180
tcattttact taacagctgt atttagtctt ccatgatgtg acacccact 230

<210> 26774
<211> 225
<212> DNA
<213> Homo sapiens

<400> 26774
ctaaaagaag aaaactgatg gctaadtttg catgaaaact gcactttatt gcaagttagt 60
gtttctagca ttatcccatc cctttgagcc attcaggggt acttgtgcat ttaaaaamcv 120
ancacaaaaa gatgtaarta cttaacactc aaatattaac attttaggtt tctcttgag 180
atatgagaga tagcacagat ggaccaaagg ttatgcacag gtgcc 225

<210> 26775
<211> 162
<212> DNA
<213> Homo sapiens

<400> 26775
aggagcgggt atccattgaa aaggagggtta ggaatcaggt cttgggctgt caacaagagc 60
cgcatgctgt gctgtagatg actaaatgat atactaaact aacatgratt tgccaatgaa 120
atgkctcakc atttggaac agaggaaca aaatgaaagg ca 162

<210> 26776
<211> 204
<212> DNA
<213> Homo sapiens

<400> 26776
aatsaataag mcctactgtt tgatagcaca atagggtgac tatagtcaat ggtaacttaa 60
ttatatatgt wanaataaca tagagaatgt aattggrrtg tttgtwactt aaaggataaa 120
tgcttgagrw gatkggacac ctcatctctc atgatgtgct tatttwacat tgcattgtctg 180
tatcaaaacr tctaattgtac ccca 204

<210> 26777
<211> 170
<212> DNA
<213> Homo sapiens

<400> 26777
thtytgtmta tctttggact tgcactatct tccatttctc attggatttg gagartaaag 60

agaattgtca cagctgtcwt tctccatccc cagttgcagt agwacgtctc ataataggtg 120
agaaatgtaa actctcttat ctaattagtc twttgagttt tgggtgthmcc 170

<210> 26778
<211> 178
<212> DNA
<213> Homo sapiens

<400> 26778
tcaactgcac cbccgcttcy ygggytcaag tgattctcct gcstbagcct cctgagtagc 60
tgggmmtaca ggcacgtgcc atcatscctg gctaattttt tttgtasmga tggggtttct 120
ccacgtwrgt caggctggtc tccaactcct gacmtcasgt gatctgccc cctcsacc 178

<210> 26779
<211> 161
<212> DNA
<213> Homo sapiens

<400> 26779
taaaatctac tcwcagcaat yttcaagtat atatcacgtt gctgttaact ctagtcatct 60
atgttggtga attgatctct tgaatttatt ctctctgtct aactgaagca ttgaccctgt 120
gaccaacatc tccctagtcc tccacctctg ccagccccgg t 161

<210> 26780
<211> 172
<212> DNA
<213> Homo sapiens

<400> 26780
cataattgca aaacaaatct gtgactaact taatgtcttc agatctaaag ggtgtaaaaa 60
tattgatact tcaatatttc acttgctgcc aggaaaaaca aaattctcaa tcttttgtaa 120
atgggaggag gacttttgca tacattttta ctctttaaat aacgacaacg ac 172

<210> 26781
<211> 99
<212> DNA
<213> Homo sapiens

<400> 26781
aggccaccga tgctggacac acatgctgga caatggctct gcggtttcca caaacatgac 60
ccccaaggcc ctcttgacca tctccatccc accaggccc 99

<210> 26782
<211> 224
<212> DNA
<213> Homo sapiens

<400> 26782
tctcttggcg tctcaacgtt cggatcagca gcttttttcc attctctctc tccacttctt 60
cagtgagcag ccatgagttg gactgtgcct gttgtgcggg ccagccagag agtgagctcg 120
gtgggagcga atktcctatg cctggggatg gccctgtgtc cgcgtcaagc aacgcgcac 180
ccgctcaacg gcacctggct cttcaccccc gtgagcaaga tggc 224

<210> 26783

<211> 197
 <212> DNA
 <213> Homo sapiens

<400> 26783
 ttctttatat ccttattcta taagttttta tctatttcct tatttatttg gtttttgagc 60
 taggatctca ctctgttgcc caggctggag tgcaatggca tgatcacagc tcatagaagc 120
 cttgacttcc tgggctcaag caattctcct gcctcagcct ctgcagtagc tggaactaca 180
 ggcatatgcc accactc 197

<210> 26784
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 26784
 tagattttca ctggtaatac acattgccaa gttttatggg aaatctgaat atactgtgaa 60
 aatgcatatc tggttagttg tctgctgccc agatcttacc aataccagta actaaccagt 120
 atttaacata aaatgataca aataaaggch ga 152

<210> 26785
 <211> 474
 <212> DNA
 <213> Homo sapiens

<400> 26785
 atacaaagta gattgttggc aaagtctgtg aggactttca gtgctatact taaaacaatc 60
 atattgctaa agaaatatgt ataggtactg ttgaaatata aaataattct atattcaagt 120
 aacttaaaact cttcatagga atataagttt aaaaaatttt agccccgggca acatgggtgaa 180
 accccatctc tacagaaaat acaaaaatta gccgggcatg gtggtatgtg tctgtgatcc 240
 cagctactca ggacgctgag ggggtgggag atggcttgag cccgggagac tggagtgcag 300
 tggcgcaatc tcagctcact gcaacctctg cctcccaggt tcaagcgatt ctctgcctc 360
 agcctcvtga gntagctggg attacaggtg cccaccacca ttcccaggta atttttgtat 420
 ttttagtaga gacagggttt caccgtgttg gccaggctga tctcaatctc ttga 474

<210> 26786
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 26786
 ctaagactgg gacctgggaa gctccggtgg attctagtagc aagtggactt gagcaagatg 60
 tggcacaact aaatatagca gaacagaatt ggagtccggg gcagccttct ttcttgcaac 120
 cacgggaact tcgaggtatg cccaaccata tacacatggg agcaggacct ccacctcagt 180
 ttaaccggat ggaagaaatg ggtgtccagg gtggtcgagc caaacgctat tcatcccagc 240
 gggct 245

<210> 26787
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 26787
 ttttttagagc agtttttaggt tcacagcaaa attgagagga aggtacggag atttttttta 60

tatactccct	gccccaacac	atgcagagcc	tctcccat	taccagcatc	cccatcagag	120
tggtgcattt	gctagcatcg	atgaacttac	actgatgcat	cattgtcatc	cagagtccgt	180
agtttgcata	ggggtttgct	cttggttgatg	tactttttaa	tggttttga	caaagtgtga	240
atagcttggtg	tccattatag	tattcacagc	attgccactg	tcctaaaaat	tctctgtggg	300
gttattttaaa	tttaagataa	catctt				326

<210> 26788
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 26788						
aaatgggata	gacggtatta	cagcacatac	tcctcaacc	ttctccagga	gatggagctc	60
actcagcagg	caggacctca	gggctatggg	agagcaactg	cactgtgcaa	gcacagccaa	120
caggaagtga	atgcaaacac	attctcctca	acataaacac	acacagactt	cacctatggc	180
tgaacttctg	cccttggtg	accaacacca	ttaggacg			220

<210> 26789
 <211> 315
 <212> DNA
 <213> Homo sapiens

<400> 26789						
cacctcataa	ttgtgatata	gagcatttct	atcacccaga	aactccctct	aaaccctttg	60
cagccgagac	aggaagatta	cttgaggcta	ggagctggag	accagtatgg	gcaacatatac	120
aagaccccat	gtctacaaaa	aattaaaaatt	taataataat	aaaatattta	aaaagtataa	180
ataaaattca	gcttacaaac	cttgtttgaa	aatctagatt	ttagcaaatg	cttctaagg	240
gctttttaca	actttatatc	ttcaaacgta	aatgaatagg	tttgattttc	tttttcagta	300
tctcagtgtg	gaakn					315

<210> 26790
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 26790						
aaaatacctc	tccatgaatt	tattcctatt	ttcatcacat	atgttaaagt	caaatatnta	60
ttgacgactg	ttcatccaca	catacaagga	tatgagtaca	cgcatacatg	cgtgtacatg	120
tgtgtatact	cacacatatt	cgcaacatcc	ttttctcaca	cagttagtta	ataacatcca	180
tttagagtgg	ac					192

<210> 26791
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 26791						
tgcttgacc	aagctactcc	agatcatctg	accaactctt	aaaaatcacg	gccaggccag	60
tggtcatgc	ctgtaatccc	agcactttgg	gaagcagagg	tggcaggatc	attccagccc	120
aggagttcaa	gaccagcctg	ggcaacacag	cctcctccca	aggagaacat	gagaccactt	180
catatctgga	actctagaaa	cactggctgc	agcaatcaac	ctcctgtgcc	aangctggcc	240
cctatg						246

<210> 26792

<211> 270
<212> DNA
<213> Homo sapiens

<400> 26792
agactagaat tgcagtcaaa aatgaaaaga aatagttgtg ccaactgcaa agtccccgga 60
gggaaatact gatcatatcc tgagaaaaaa ctgatgcccc ataccaaagg catggcagga 120
acccaggcta gttttgatgt tttagtgtc gatgactctt ctgagtaggc ggtgagccca 180
cctggttaga cttacattgc tgccacagaa atttaactct taattcttcc aaggattatt 240
ttttgtttt tgtggtttt ttttttttt 270

<210> 26793
<211> 264
<212> DNA
<213> Homo sapiens

<400> 26793
caaaaatgta agcaccataa agacgaggac ttcattcagt tcagtgtctat attcccagtg 60
cataaagcat ggcctggcac ataacaggta ctaccagggt ctttgtcata taaatgaaag 120
ggaacgactg agtctccata tacatttgat ccatgaacaa catggggttg aactgcatgg 180
acccgcctct atgcagattt ttttcaataa atatattgga aaaattggtt ggagatttgc 240
aacaatttga gaaaacttgc aggc 264

<210> 26794
<211> 335
<212> DNA
<213> Homo sapiens

<400> 26794
tctagtactt tcagtttcat tttttacaat ttaaactttt aatctattat agatacagaa 60
actcatagta aaaaactaag ctacctatac ttagataaca tggccttaga acagatgtgg 120
agatgggtct ctctaactaa agtaaccatc agtcacagat tgtctaggac catcccaatt 180
ttaaggatgt agtacagttg tcctcagatt attgaaatat tacaggaatt tctacactga 240
catctacatt acatcagact gactttttta actattagag gcacagaaat cttttatcaa 300
aatatgcatt taattcagct ttagaaaagg gccat 335

<210> 26795
<211> 405
<212> DNA
<213> Homo sapiens

<400> 26795
agaggggcca gcaggagcca ttccgtcgcc aaacagagct ggggtcttgc tgtgttgccc 60
aggctgggtg cgaactactg caccgaagcc atcctccctc ctgttccttc aaaagcattg 120
ggattgtagg catgagctac cgtgcctggc cgatacttca ttctttttta tgactgaata 180
ctatttcatt gtgtggatac cgcattttct tgattcattc atccattgac aaacatttgg 240
gttgtttcca ctttttggct gttatgaata agtactgcag tcagcatttg catacaagtt 300
tttgggtgga tatatgtttt tgcttctctt ggttgtgtat acctccaagt agaattactg 360
tgctatatgc tagcaccatg ttttaattgtt taaagaactg gtagc 405

<210> 26796
<211> 186
<212> DNA
<213> Homo sapiens

<400> 26796

ctacaggcac amyagacaaa tataataact tatattgtgg tataaatgaa gtgctcatta	60
tggtcagaaa agtgtcagta actaggmtca gtagcaactg atgtgaaaaa gacatgaaag	120
aagaaaaaga catTTTTgat tagatgttgg taacaagcag tgtaacagtt cttatacttt	180
ggtagc	186

<210> 26797

<211> 381

<212> DNA

<213> Homo sapiens

<400> 26797

tgtgcatttt tttctactgg ctgtttcttt agtatatgta gaatcaaatt actttacatt	60
aaatttgagg gaaattttat gtatttttat gatacattgt gagtcagtgg cttatttcca	120
cttagtggtc atgaaatgat agcaagttag acttactgtt tcagtctcct cacttataca	180
ctccccctt cctcattgca catggtgaaa atgaaacata gagaaattaa atgttgcacc	240
tcagttcatt ctwstttaga gacagtgccw ngagaagtac atagttacat ctcagcctgt	300
aggccctgtc cctcatttgt ctttttactg tttactttac attttgaaag aaattagaga	360
aaaatcattt atatgggaaa a	381

<210> 26798

<211> 348

<212> DNA

<213> Homo sapiens

<400> 26798

gcatttttagg agacactttc tgttgtggct gatatcagaa ttggagacgc akyttgctct	60
gtcaccaggc tggagtacag tggcgtgatc ttggcacact gcaacctctg ccctccgggt	120
tctagcgatt ctctgcctc agcctcccga gtagctgaga ctacagaaaa gtaaaaatgc	180
tgaagaagac caagtttgaa ttgggaaatc tcatggagct tcatggcgaa ggtagcagtt	240
ctggaaaagc tactggagaa gagacaggtt ctaaagttga atgagctgat ggatatgaac	300
caccagtcca agagtgtgtt taacactcag acatttaaaa tggcagac	348

<210> 26799

<211> 221

<212> DNA

<213> Homo sapiens

<400> 26799

ttgcagggtc agttaaaaava attttktttg agttataagg ttctttttta avaacagtat	60
cttgetgtca cctaccctgg agtgcaatag cacaatccta atgaactgcr gcyttaaaact	120
sstgagttgg agatcmksc acccagcct ttcggttgcs aagactacag gcacatcacc	180
acgcctggct catttgakaa atatttttct gtagacgtgg g	221

<210> 26800

<211> 136

<212> DNA

<213> Homo sapiens

<400> 26800

tmtgaactta tattttttmg agtcgggggtc tcagtgtttc acccagactg gagtgcagtg	60
gcatgttcat agctcactgt agcttcaagc tcccagggtc aagtgatcct cccttgatcc	120
tacctcagcg ccctg	136

<210> 26801

<211> 165

<212> DNA

<213> Homo sapiens

<400> 26801

aacagggaca	gtgggccagc	aggaagcagc	aggtccctcc	tccctctgcc	agcctttcag	60
tcttccttta	gctgattcta	atgacggagc	ctaataacct	agcctgggtga	aaggmgaaat	120
acgacattgc	agattcctgc	dgcaaaacag	atgatgaagg	ggacg		165

<210> 26802

<211> 230

<212> DNA

<213> Homo sapiens

<400> 26802

ctrtrtattat	ccctttgaat	aaactttcta	ccccatctct	ttttctacct	cctcgttaag	60
gtcaataaca	gatttgctct	tttgagacta	ttttctagat	cctgtagttg	tgcttcattt	120
atttaaaatt	ctttddtctt	ttgtctcttc	tgactgtatt	ttcaaatacc	ctgtcttcaa	180
gctcactaat	cctttcttct	tcacatcca	ttctgctatt	aagggactcg		230

<210> 26803

<211> 205

<212> DNA

<213> Homo sapiens

<400> 26803

cttaattttt	aaaaccta	ctgtacaaca	taacttgaat	tattattatt	tctttttgag	60
ataggagtct	tgctctgttg	gccaggctgg	agtgcagtgg	tgtgggtctct	gctcattgag	120
gcctttacct	tccgggttcc	agtgatcgct	ctccctcagc	ctctcgagtg	gctgggattg	180
catgcgtgtg	ccaccatgcc	cagaa				205

<210> 26804

<211> 155

<212> DNA

<213> Homo sapiens

<400> 26804

caacttttat	tttaaattcc	cgggtacgtg	tgcaggtttg	ttacataggt	aatgtgtgc	60
catggtggtt	tgctgcacag	atcaacccat	cacctaggta	ttaagcccag	catccattag	120
ctattcttcc	tgatactctc	tctccctctg	cccc			155

<210> 26805

<211> 98

<212> DNA

<213> Homo sapiens

<400> 26805

acttcagttt	ccgtccaagg	tccgcctcct	acctccttct	gcttcggtgc	gtttgcttct	60
gaggatctcc	agtgtcacia	cadmcacatg	ccagccct			98

<210> 26806

<211> 167

<212> DNA

<213> Homo sapiens

<400> 26806

tagtataatt aytctatcaa tggatacatt tttagtaa	gtgcattgtc acaatcctgg	60
gcacaaagt cctgatgtca aaatgaagat agtaaaaca	gggaggaagc agtggatgga	120
ccaggattaa ttcctttcat ttcttagtaa attaaaacvt	gcagccg	167

<210> 26807

<211> 147

<212> DNA

<213> Homo sapiens

<400> 26807

cagaatcttt atgtaggtga ctctagatca tggttattta	ttttcatttt ctcagatatt	60
aaagcatatt ttccttctga gttttgaatg gtaagggtaa	ggctattcac cgcatactat	120
catccaaata gaagtggatg tgcaacc		147

<210> 26808

<211> 99

<212> DNA

<213> Homo sapiens

<400> 26808

atacctaata tagatgacag gttgatgggt ctgacaaacc	accatgacac gtgtatacct	60
atgtaatgca actgcacatt ttgctcatgt accccagtt		99

<210> 26809

<211> 66

<212> DNA

<213> Homo sapiens

<400> 26809

atcccccccc ccccccaac ctcagcctca agtatgtaac	accatgcctg gctaattttt	60
gatttk		66

<210> 26810

<211> 188

<212> DNA

<213> Homo sapiens

<400> 26810

ttggaattca gcctagagaa agaatacttg gtgggtcata	gaacttggtt cacaaaagag	60
tgcttgctgc ccacgcattt tgcacaatga ctcccaaaca	cacagaatgc acattggcaa	120
caatttttacg cgtgtttcca aaagtgctga ctggaattga	ggggacacat ttggcacttt	180
tttttttt		188

<210> 26811

<211> 171

<212> DNA

<213> Homo sapiens

<400> 26811

ttatgtatgt ttgcttttt ttgctaaat gtaaacacca	caaggggagg tatctttgtc	60
---	-----------------------	----

tggtgacaat gatacattca atgtttctca agcaccacca atgctgggtt gtatgtggtt 120
atcattcaat ctgtatttgt tgaatgaata aatgattgac tatgtggaga g 171

<210> 26812
<211> 221
<212> DNA
<213> Homo sapiens

<400> 26812
ttgcagggtc agttaaaaaa attttttttg agttataagg ttctttttta aaaacagtat 60
cttgctgtca cctaccctgg agtgcaatag cacaatccta atgaactgca gccttaaact 120
cctgagttgg agatcctccc acctcagcct ttcggttgcc aagactacag gcacatcacc 180
acgcctggct catttgagaa atatttttct gtagacgtgg g 221

<210> 26813
<211> 149
<212> DNA
<213> Homo sapiens

<400> 26813
aagttcccca cccctctgcg cccctttgtc accagagaag tcttggtgga aacgtatgaa 60
gagagtgtgc ctgtgtccag ttaccagcag gcaggaattc ccgtggactt gaaaaggaag 120
attgcacggc tggggatcaa catgtcct 149

<210> 26814
<211> 166
<212> DNA
<213> Homo sapiens

<400> 26814
gaggggtaag aataaagtgg ctgctcagaa ttgcagaaaa agaaaactgg aaaatatagt 60
agaactagag caagatttag atcatttgaa agatgaaaaa gaaaaattgc tcaaagaaaa 120
aggagatgac aaaagccttc acctactgaa aaaacaactc agcaag 166

<210> 26815
<211> 488
<212> DNA
<213> Homo sapiens

<400> 26815
atttttaaaa gcaacttctg agaagggtt agaacaaatt ttttcccga gtgccatttc 60
ccaaaggtag tcacagaaca atcagggtgtg accataatgg ctgcaactgag ttgtctcttg 120
gacagtcaga agggacataa agaagggtga cagagaacta aggcaactga gatgcacga 180
cgaatttagc acacgggtgc tgtgcgactt gtatatgcac ccctattgct gctgtgactt 240
gcacccatat ccgtactgct tgtgctattc caagcgatca cgctcttgcg gcctgtgtga 300
tctctacca tggtgctgt gtgattaanr gctttactgt ctgcgaccat ctctcagaag 360
tttgagagg aaagccatca gagcatagaa gatgagaagc gagagcttg caaactgaga 420
agaacaacaa atagaattct ggcttctcct gctgtagcag taacatttta ggatcgggtga 480
atgtatgc 488

<210> 26816
<211> 78
<212> DNA
<213> Homo sapiens

<400> 26816
ctatggaatc tcaatttgat taaaatattg aatagggata aaccaggtag atttctgggt 60
ttttttttgt tttttttt 78

<210> 26817
<211> 496
<212> DNA
<213> Homo sapiens

<400> 26817
agatgctttc caactaacag ggaccaaagt ggaccgttct aagatatacct aaaaaatttg 60
ggagttaggg gaggtaaact aagataatta tattacaaag ggtacaagac cacaagacaa 120
caaccgactc cggrattctt ggacctccgc cttccgtaca agatggagtc ttgctctgtc 180
acccaggccg gagtacagtg gcacaatctc agctcactgc aacctctgcc tcccagggtc 240
aagtgattct cctgctgcct cctgagtagt tgcgatcaca ggctgagcc actacgccag 300
gataattttt gtatttttac tacagacggg gtttcacat gttggccagg ctggtctcga 360
actcctgacc tcaggtgac caccgcctc ggctcccaa ggtgctggga ttacaggcat 420
gagccaccat gccagccaa attcttgctg gagaaatgaa gtcagaaatg caagattgat 480
cagacaacaa tccaga 496

<210> 26818
<211> 341
<212> DNA
<213> Homo sapiens

<400> 26818
ccgagaagcc ctcacagatg cagatgactt tggcctacag ttcccgtctg acctggatgt 60
gaggggtgaag gctgtgctgc tgggagccac attcctcatt gactacatgt tctttgagaa 120
gagaggaggc gctgggccct ctgccatcac cagttagagg ccaccatggt gtgaggagac 180
catcacctcg accagaactc cagatggatc cctgccctgg cccctcctct gggcagcccc 240
tttccctcat gtacactgca ggggacagaa ggggggcccc atccctaccc tactccctgg 300
ccgcctgccc ctgtggttcc caaggagggg tatgtatgag a 341

<210> 26819
<211> 108
<212> DNA
<213> Homo sapiens

<400> 26819
caggcataga tctagcccca ccatcaagac aaacaacatt ttctattatg ttaaaaagtg 60
tccttgtaag cctttgcagt tggctcctc ccctgacttc cagcccca 108

<210> 26820
<211> 300
<212> DNA
<213> Homo sapiens

<400> 26820
ttatttaaatt tggagatgta ggaagggttaa gttgatgagt ttctaaattg gaagtacttt 60
gttaaaatgg atcatggtgg gggtttaggt tgggtaaaga ggtaaaatta ctatatactg 120
aagcactggg caaagataag ggactttatc tgaatataaa gagctattag cagatttcag 180
aatctaggat cttgaagagc taaattaagt gcttatagat gactctgtga gtctcaacag 240
agggtgaaat aagatgtatg aaaatcccct cggagacttt cttcgartga tacaggcgtg 300

<210> 26821
<211> 209
<212> DNA
<213> Homo sapiens

<400> 26821
cttcttttgt tttctgagac ctggtaaccc acgctcttgc attgtggmyt ttaaaatgta 60
tactctgtac gggtctgtaa accgaaaaac ttttgtaa atataaatat acatagacat 120
aaaaatactg tatgtgacag cacatagast agttttccca caccaaagtt aatttttatg 180
catgctttta aagtatatat cgggactgc 209

<210> 26822
<211> 259
<212> DNA
<213> Homo sapiens

<400> 26822
acttgggaca agaratcaaa ctttaaagat ggtctaaagc ccctcttaaa ggtctgactg 60
tgtcggacct ctagagctaa tctcactaga tgtgagccat tgtttatatt ctagccatcc 120
tttcatttca ttctagaaga ccccatgcaa gttcccacc taagggtctg gacacagggtg 180
awagatacct tcattgggta tagaaatttg ggatttaca gtatgtgcat attgttccac 240
tgtcttctta gctttcaga 259

<210> 26823
<211> 392
<212> DNA
<213> Homo sapiens

<400> 26823
acacatttga agagctgtgt gagagaccac ttggagccag tgactatttg gaactatcaa 60
agaatttga tacaatattt ttacgaaaca ttccgcaatt tactctggca aacaggacag 120
gtcaggatt cataactctc atcgataact tttatgatct caagggtcgt ataatttgct 180
ctgcgtcgac tcctatatca agcttatttt tgcacaaaca tcatgacagt gacttggagc 240
aaagcagaat actgatggat gatttggggc tgagccagga ttcagcagaa ggactctcca 300
tgtttaccgg agaagaggga atctttgcat ttcagcgcac aatttcccga ctcacggaaa 360
tgcagactga acagtactgg aatgamggaa ac 392

<210> 26824
<211> 458
<212> DNA
<213> Homo sapiens

<400> 26824
aacaggggaa gaattaggaa agaggacacg caagaccaca gtaagagatg gaaataagag 60
aatattcctg atttccactg gatgactttg actggtatga tttcattctc tgaragtgtt 120
aaccaggggtg cagcatggcc agaraccatt cagagcctca tgaagtgggc aagtcagggtt 180
tggtcatttt tggtattcct gtaagctgtg agctcatcca cagggtggcct ggaaattctc 240
actcctaagg cacaagggaa cctctctctt gccactggg tctcagtag cttgaacaca 300
gacctgtggc ttctctccct gtgtcctcct ctgcatcctt gacatcaccc ttctctggag 360
ggcccggact ttcagagtct actggaagct ctcatatgac tggggaatct atcactgggt 420
tctcacatgg atttggggta atgtcattgc atgtcaca 458

<210> 26825

<211> 353
 <212> DNA
 <213> Homo sapiens

<400> 26825
 cagttagttc avmatccatc atctttcact agacctcatt gccagtttag aggtactaga 60
 gaagtttgct tcaagggaac aagagttctc ttccttaggc ccatactctc caggatattg 120
 cctccctaaa cagaagagct tgcaacacag gacttggtga agctctcagc aatcagtaat 180
 gtggaaacta atcttggtcaa ggagatgacc agttacagga tccttagttt aagaaaatct 240
 amatggcctt gggcttactc ttacccaaat ctagtctttt ctacttcttc catcctgcct 300
 gtctagaccc ttaagttaga cccccagamc ctcatgggac tctccccacc ctt 353

<210> 26826
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 26826
 cagcttattt ggtaaccact gctaataact aaaatgttct cagcttggaa taatggactc 60
 tgaagtctct attttccaag ttgtcctttc tcttaaaata ccctttactg atttaataca 120
 gaataacaat cttattttcc acttggtaac tatggcttta tgttggggtta ctgtttaagg 180
 aaagttgatc tgggccttt 199

<210> 26827
 <211> 447
 <212> DNA
 <213> Homo sapiens

<400> 26827
 cattgttcaa ttcccaccta tgagtgagaa tatgcggtgt ttgggttttt gttcttgcca 60
 tagtttactg agaatgatgg tttccaattt catccatgtc cctacaaagg atatgaactc 120
 atcatttttt atggctgcat agtattccat ggtgtatatg tgccacattt tcttaatcca 180
 gtctatcatt gttggacatt tgggttggtt ccaagtcttt gctattgtga atagtgccgc 240
 aataaacata cgtgtgcatg tgtctttata gcagcatgat ttatagtcct ttgggtatat 300
 acccagtaat gcgatggctg ggtcaaattg catttctagt tctagatccc tgaggaatcg 360
 ccacactgac ttccacaatg gttgarctag tttacagtcc caccaacagt gtaaaagtgt 420
 tctaatttc tccacatcct ctccaga 447

<210> 26828
 <211> 363
 <212> DNA
 <213> Homo sapiens

<400> 26828
 agagcttttg gsaagctata cgttcctggc cccgaggtaa agctcccaca ggctgcttga 60
 cccaacagag cagctcctac ccactgggat tctcggctctg caggaatctg gcatccacct 120
 gggaatctca gcctctcccc taaaccagaa cagactcaca gagtgaccca gtggaagggg 180
 cctcagaaga catccagttg agtctcttcc gtcactgaac agatgaggaa actgaggctc 240
 aaagggaaac gtcccatg cagggagcat ctggctgagg cagcctggag acaggcacgc 300
 accagaagac ttctggttcc atccaggccc aaggaccact gaactggagc ggtcttctcc 360
 atc 363

<210> 26829
 <211> 423

<212> DNA
<213> Homo sapiens

<400> 26829
cggtgttttt ttaaatttga aattaatttc taacttgatt atattgtggt ctgagaatgt 60
ggtatgtgcg atgctgattt ttctgagatt tgttgagact tgctttatgg cttagtatgt 120
gagcagcctc tgtaaacacg ccaagtgtgc ttgagaaaaa tgttggtttt gatgaacatt 180
cttgataatt gggtcggaga cttttatatt tctattaaat caaggttgta gattagggtg 240
ttcaagtctt ctgtgtcttt tctaattgtgc gctgcctcat ctgtcagtat tcgaagaaga 300
catgttgaaa cctccctcca gcatctttgt tggcctgtgg aggggtgggg catggctgac 360
ctcagcattc ttcaggcaat cctttccttg atgttagtgg cactctagct tttgctcact 420
gta 423

<210> 26830
<211> 303
<212> DNA
<213> Homo sapiens

<400> 26830
catttctaaa ggccgtcttg aasamaatta raccagaaag atcwwgaaag gctggagtgc 60
aatgggtgtga tcttggetca ctgcaacctc caactaccag gttcaagcaa ttctcctgcc 120
tcagcctccc gaatagctgg gactacaagc gcatgccacc atgccaggct aatttttgaa 180
tttttagtag rcacacgggt tgccttatt ggccaggctg gtctcaaact ctcacctcg 240
ggacatccac tcggcttggc ctccctaaat gctgggatta caagcataag ccactgcgct 300
gtc 303

<210> 26831
<211> 338
<212> DNA
<213> Homo sapiens

<400> 26831
cgcccagcta vytttttata ttttttagtag agacgggggt tcactatggt ggccaggctg 60
atctcgaact cctgacctcg tgatctgccc acctcggcct cccaaagtgc tgggattaca 120
ggcgtgagca aycgcgcccc gccagtgggt tttaattttg aggaatttct tttttcttta 180
tgggtgatat cttttgtggt caactctttg ccagccttac agtcttgagg ctttctcctg 240
tyataaagtc tttgtaattt tagtttagat cacatttaag tgatcctagg tctagttttt 300
gyygtggtat gagtyagaga tcatggtttg aktttttt 338

<210> 26832
<211> 191
<212> DNA
<213> Homo sapiens

<400> 26832
gtggttagcag gaactaattc cccctcgggt caccgaggac ctggagctgg aaatttcacg 60
gatcagggtt ccctaagacc cttggaagag gggacgatcg ccccaagtta gaaatccttc 120
tgccagctca taagcgtggt tcaattttaa ctagggtttt ggccccttga ccccaaccaa 180
gccccgcccc a 191

<210> 26833
<211> 65
<212> DNA
<213> Homo sapiens

<400> 26833

catgttggtta tatgatatgt aatattgata ttcgtcattt cactgaaaat tttttttttt 60
ttttt 65

<210> 26834

<211> 319

<212> DNA

<213> Homo sapiens

<400> 26834

gtcacactgc aaactctggg cctgggggtcc catgggactt cagtgggtcc aggactgatt 60
tcactgccat cacttatata tgatgatgca gacttcaagc atcaaagtac acaaactgaa 120
gaaactttat cctttgtata taattatctt aaatatatgc catcatttca aggggagctt 180
atgctaagtg tgacttcata aacaaatcat ttgtgaaaga garaaaccac atccmsggta 240
aagtcataag gtgaaaaagc ctatttcaga gagcacttcc tgawagagac aaagcagcaa 300
ttaargtcag cccagcacc 319

<210> 26835

<211> 236

<212> DNA

<213> Homo sapiens

<400> 26835

ctaggaaaact tctgtcaatt tcttaaaaaat ctaaaactac ctatggaata cacaaaactc 60
ctaatacatt tcttttaaag ccaagttctc tctttctatg ttattgtgta ttgaatgagt 120
tcttttcagc tctctccagg ttgtttaaat ataagtacaa atgacttcag tcaagaagg 180
aaagtcatta ttagtatata gaaaaatgaa tctaaaaata tgtagtcgtg cccgca 236

<210> 26836

<211> 207

<212> DNA

<213> Homo sapiens

<400> 26836

cgactgggtt gcaagtcatt tcagtgggtat ttggataatg tcttcccaga gttggaggca 60
tctgtgaaca gcctgtgaaa ggaaaacaaa tcactttcat taataaaggg ttaaaagtct 120
cctagtcatt caacatagtg tcacaagagt gtaagtttgg aacatcgtgg aattacgtga 180
aatgcaatta aaaaaatatg accagag 207

<210> 26837

<211> 215

<212> DNA

<213> Homo sapiens

<400> 26837

agaggaagag gaggaggagg aaagcaagcc ccccatcccg acacagggtg ggcccgccac 60
cgctccctt gacctaggca ccagcatggc cactggtacc cctgactcca cagcgcccat 120
caccatctgg cgctctgaga gccccacagg gaagggtcag ggcagcaagg tgatcaagaa 180
ggtaaagaag aaaaaggaaa aagagaaaga caagg 215

<210> 26838

<211> 359

<212> DNA

<213> Homo sapiens

<400> 26838

tcccacattt	gagagggaac	tatacaaaaa	tgggaaaata	tttgttttta	atatcttttg	60
gatgtgaatt	ttgtcataat	tgcaaaactgt	tttggcagca	aaacgaatta	tttcggtagc	120
aagaagagac	ttaacgatgc	tatgtgggag	aaaaactaag	tccctactat	ctttctgaga	180
gcacgtctca	gaggacatga	tgtgatcctg	taagtttgta	gcaatcttat	tgtgccccag	240
tgcagacact	ccttcctact	tccctgtaga	aaacagaact	gtttttttta	aattctttct	300
caactaccat	ttttaatagt	catgtttact	gatgacaaaa	tctgatacag	tggccttga	359

<210> 26839

<211> 261

<212> DNA

<213> Homo sapiens

<400> 26839

cattgatatt	tattcagact	tttccacctt	tggaagggat	attagatagc	actctgatag	60
cccagcaaag	ttaactcttt	actgtacaac	gcagcactct	acttcttaaa	atctgtgcat	120
gttgctgaat	atgtatttag	ttttttgctc	ctaactactg	catgatattt	cacaaaatca	180
tatctcatgt	tttacttttt	cagttctggg	aagtcattac	tgatctttga	aaggacaatt	240
tcaatttcaa	taagcgccca	t				261

<210> 26840

<211> 356

<212> DNA

<213> Homo sapiens

<400> 26840

aaaaaagctc	tagttctgag	gacagagacc	tgttgaggatc	accatagtgg	gaatttttga	60
cctggcatcc	agttcagata	cctggagctt	cttgactgag	gggagattgg	atcccttggg	120
gaagagtga	gccttcaatg	ctgccacaag	tgtgatccgc	ccgcctcagc	ctcccaaagt	180
gctgggatta	caggcgtgag	ccaccatgcc	cggcctcttt	tttatattta	aaaaatatca	240
ttttatatat	tatcagggca	aaagagaaaa	accgtatgat	taccttgtca	tacacagtaa	300
aagcatttgg	caaaattgaa	aacttttttc	atgatttata	aaaacaaacc	ccagat	356

<210> 26841

<211> 158

<212> DNA

<213> Homo sapiens

<400> 26841

attttttgaa	cctaggccat	gggacaaaat	ctgggctggc	ctgctgaatg	atgacagagg	60
agtggccaag	tcaactcattg	ttgtcccatt	tgtcaaccag	ccagccacca	gacatgtgct	120
aagaagaaaa	taaacagaga	acgtcttgca	gtgggcca			158

<210> 26842

<211> 63

<212> DNA

<213> Homo sapiens

<400> 26842

caagcatgag	ccaccacacc	cagtcttaag	caagacctag	cttttttttt	tttttttttt	60
ttt						63

<210> 26843

<211> 273

<212> DNA

<213> Homo sapiens

<400> 26843

acaattacac	cccaacatca	cccagctaca	gcscgacatc	acccagctat	tcacctacta	60
gtcccaacta	cacacctacc	agccctaact	acagcscaac	ctctccaagc	tactctscac	120
catcaccag	ctattccccg	acctcaccaa	gttactcccc	ttccagcsca	cgatacacac	180
cacagtstcs	aacctatacs	ccaagctcac	ccagctacag	cscagckcg	cscagctaca	240
gybcaacckc	acccaagtac	acscacaacca	gcg			273

<210> 26844

<211> 85

<212> DNA

<213> Homo sapiens

<400> 26844

ctgattcaaa	atatgcattc	ccttccaccc	cacatgttga	agtaagctgt	ctttcaaaat	60
gttcatttat	tagtcattta	ttttt				85

<210> 26845

<211> 441

<212> DNA

<213> Homo sapiens

<400> 26845

taactagaga	aggatacact	caatgtctcc	cagtggagaa	ctccagtttc	ccagcccaga	60
cacatggaag	ttccctctaa	tgtcacaccg	cagtcagtct	ccagcccagg	cctctgaaac	120
tctccattgc	tgcccgacac	ggtgggctcc	aagtgtctct	tttgaccttc	tcaatctcaa	180
actctccttt	tctcctccc	gtatctgccc	atcccagctg	atgctcatgt	ctgttctcac	240
ctgcctgttt	gagtctctga	accacatgtt	aagggtgagt	aggttctctg	ccctccgagg	300
ccccatcccc	ctggccctga	tatgtcacag	gacccttcct	ccctgttttt	ctcctgaagt	360
ccccacaaga	ctaagataat	ccaaaaagaa	aagttcacag	tcgacacaat	gaacgaaagt	420
agggctgtgc	tatagcatct	a				441

<210> 26846

<211> 458

<212> DNA

<213> Homo sapiens

<400> 26846

aaacaaactc	tggaacaaac	cctgtctcat	catcatttaa	gccttcgttg	gacagacttt	60
ctgactggca	gctgaacata	agctcattga	tgtcttcaca	gtctccagct	gaggcacacc	120
ttggccagag	ggaatcttcc	agtcctcaga	cagggcttgc	ctttgactgg	cccctgctgc	180
ttktgccctt	tgtgaatcac	aagcggtagc	tcttagtgta	ctctgccttc	actcctaaac	240
gcatgtggca	ggcatgtaat	gctgctatta	ggcgcattgg	ctctggactc	gaataggact	300
gagttctaac	cttggatcca	ccacttactc	atgcagaggt	ctcaggtaag	tgacttgagt	360
ttttccacag	accataaaat	gagattgaca	ctactcctta	agtgactata	ttgcgttaaa	420
tgagaatatg	tataanatgc	tcagcacagt	attagcaa			458

<210> 26847

<211> 194

<212> DNA

<213> Homo sapiens

<400> 26847

cttttcgtct	tcataaattc	taactaaggc	cactgtgcca	ctgtgcaccc	ttgagtacca	60
ttgatccaaa	gctttccac	agacctccct	ggccaccta	gaggctttct	tggtcagtgc	120
ctgtcaaggc	tccagtcctg	ctgagccaaa	ggctttgtca	ttcctttctc	ttcctgtaca	180
tctgagcaga	cccc					194

<210> 26848

<211> 140

<212> DNA

<213> Homo sapiens

<400> 26848

atcactcaat	ctgctcacca	aaattctgaa	acagccaaga	cggccccaag	cccaaggaaa	60
ggcttcaaca	acactgttct	gtgaaaatga	tgatggcaat	gaattatgca	ttgttctcta	120
aagtctggta	ccacggccac					140

<210> 26849

<211> 417

<212> DNA

<213> Homo sapiens

<400> 26849

aatctgatgc	agcaccaca	cagtggggg	ggcctatgag	tcacctgcca	gagcacagct	60
ggaacatctg	gataccctcc	caacattgac	atggggcctg	gcattgtgcag	gccgccttgg	120
gcactggagc	tatccaaagc	acgtgccatt	ggctttgcca	cctgccctag	attttgcaca	180
aggctctgtg	gactgaatgg	gaaggcacac	cccgcgctc	acagattgta	cgttatttct	240
gggaaggatc	acctgggtgt	ttactcattg	tswgggtggct	taagacaaca	taaataagggtg	300
gaagacctcw	rntccctct	tccagcccac	agaagatggg	aggcagagag	accccaagaa	360
agagagaaaag	tgaggagaag	agccaacca	tctgtgaarg	tggatgacag	atccaga	417

<210> 26850

<211> 51

<212> DNA

<213> Homo sapiens

<400> 26850

tagggatat	actcagaaat	ggtggtgctg	gatcatatag	gatttctatt	t	51
-----------	------------	------------	------------	------------	---	----

<210> 26851

<211> 339

<212> DNA

<213> Homo sapiens

<400> 26851

atgctatgtc	tctggcatat	ccaggacagt	cctgccc aaa	gaactctcca	cccaaatgc	60
cagcagcatc	cctatcgagg	aacctcaatg	cctttagcct	ccggagtatg	agggatgttg	120
tcaacctgta	gcgactgga	actgtgagaa	gggaggatgg	cctgcgcctc	gtgaaccatg	180
gggtggcatc	gttctgtggt	tgtcacacaa	aacctatggt	cagggtcac	ttgggagaa	240
tgtaggagct	ctggaccac	atggtgactg	tgtcactcgt	ttgtgtgatg	ccttctgtcc	300
amtaggcctg	gactgaacga	ggcttggtga	tgcaccaca			339

<210> 26852

<211> 175
 <212> DNA
 <213> Homo sapiens

<400> 26852
 ggcaaaccgc agtccctgcc ccgcgggctt cctttacttt ttgggagtgg ggggcggttt 60
 ccctgctttt tccaccacag cccctcctcc cgccgcaatg tggctgatgc tcataaaaag 120
 ttgtattaaa gnnctgactg cagccgagaa tcgaterrra aaagcgacca gccat 175

<210> 26853
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 26853
 gagtgttata tactgttttag ctccggcgta actgatcacc caggaagagc tggccgtagg 60
 tccagacagc attatgggga cagtttgga ggggtgtggac agccccatac tgagaacatg 120
 ccatgtactt ctgcctctga agatgtcctt ggaaacagtt gcacatcagt agtgaccccc 180
 tgggtgtaggt tcttggggag ccatgccatt ctgccctgaa gcctcctgtt aggctgttca 240
 ttcagaatca gaaactggca gagttgg 267

<210> 26854
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 26854
 aacaggacac agctccgggc gccggcgtag aatctgagct gcaggaagga ggagaagaaa 60
 tgtggtcgga agatgaggaa tgaggtgggc cataaagtga gagagaagag aaatttctct 120
 tcctccagtg aaggactgg 139

<210> 26855
 <211> 85
 <212> DNA
 <213> Homo sapiens ,

<400> 26855
 tctccctggc ttctggagga aagagaagga gggcagtgc cagtgaggaga cagagtgaga 60
 cttcctatca aaaaaaaaaa aaaaa 85

<210> 26856
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 26856
 ctcttttcta tcacttccac tggaatggac ctcaaagagc agttctgctc tggtcctttt 60
 tgttttcttt taataaaaaa ataggccagg cacggtggct ctcacctgta atcccagcac 120
 ttcgggaaga cgaggtaggt ggggtgcttg aggccaggag atcgagacca tcctggctaa 180
 cacggcgars ccactctctac taataataca aaaaattagc tggcgtgggtg gtgggtgcct 240
 gtagtgccag ctactcgga ggctgaggca ggagaatggt gtgaaaccgg gagacagagc 300
 ttgcagttag ctgagatgc accactgcac tccagcctgg gcgacagagc aagactccgt 360
 c 361

03196400

```
<210> 26858
<211> 259
<212> DNA
<213> Homo sapiens
```

```
<210> 26859
<211> 123
<212> DNA
<213> Homo sapiens
```

```
<210> 26860
<211> 206
<212> DNA
<213> Homo sapiens
```

```
<210> 26861
<211> 112
<212> DNA
<213> Homo sapiens
```

8095

gagactgcc a cctgaatact ttgggctcct catgcctctg aatcaacggg caaagaagag 60
agttatagat cctaaccacc caggagaaat tcggtggcca ctacacaaac ag 112

<210> 26862
<211> 128
<212> DNA
<213> Homo sapiens

<400> 26862
ctccatcttt tctctcctct cccctcctct ttctctcccc tctcttttct ctccccttwc 60
cctctcctct ctctcctctc tccctctcct atcatctctc cctcctttcc ctccccttcc 120
ccccccca 128

<210> 26863
<211> 163
<212> DNA
<213> Homo sapiens

<400> 26863
actaccatgc cttagctaatt tttatatatt tagtatagat gaggggttcac catggttgcc 60
aggctgggtct tgaattcctg gcttcaaggg atctgcctgc catggtctcc caatgtgctg 120
gcattacagg catgatctta cagtctttaa aaagaggcag acg 163

<210> 26864
<211> 71
<212> DNA
<213> Homo sapiens

<400> 26864
tctctctatg tatattcaat ttcagtgttt tttctttttc tttctttttt cttttttttt 60
ttttttttt t 71

<210> 26865
<211> 316
<212> DNA
<213> Homo sapiens

<400> 26865
tttgaatagg gatatccagt tttcctacca ccatttatta aagaaactat cttttccctg 60
ttgtatcttc ttggtacctt tgttgaagat ttgttgacca tataggtttg ggtttctttc 120
tgggctttct attctgttcc attggtttct atgtctgttt ttatgccagt gccatactgc 180
tttgattact gtagtctat catataattt ggaatcagga agtgtgatgc ctccagcttt 240
gttcttcttt ctctagattg ctttagctac tcgggatcct ttgttgactg attaatatac 300
aaatgtagg ggtatt 316

<210> 26866
<211> 273
<212> DNA
<213> Homo sapiens

<400> 26866
cactgtgtta gccaggattg tctcgatctc ctgacctcgt gatccacctg ccttggcctc 60
ccaaagtgct gggattacag gtgtgagcca cctcgcccaa cctcagtggg tgattttaac 120
agcatctgaa cacaactgat gaaactgaag agagaattag tgaagtggaa ttgaggccag 180

aagaaaatag atagaatgga gtacaatgag taatcattgc agccctaggg aaaaattaga 240
ggactaataa gaagactgat tgctagcttc ttt 273

<210> 26867
<211> 286
<212> DNA
<213> Homo sapiens

<400> 26867
attttctcct aggctactaa cctgtatagc atgtgactgt actgaatact gcaggaaacc 60
gtagcacaat gttcttattg tcttaggtac attcaagaca attcaactga aaagaatgtg 120
atgggtaatg gagaagcaga ttatttcata ttgggttctgc taaaaacatc aaagcccaaa 180
ttcagcaaca aaagaccact gtgttttcaa tatgagagaa aacaatacca aatatgttcc 240
acagtatcag aacattaaaa gaatsgactt ctaaaaagca agacaa 286

<210> 26868
<211> 242
<212> DNA
<213> Homo sapiens

<400> 26868
actagaaggt gggcttgaca accascattg tggtagcttt atcaggaaat agaaaagaga 60
ggaattastt ggtgtwcgtt gaggagctaa cattatcaat ctcaacttta aaatgggtawa 120
wttgatgcak ttgtggtatg tctagtggaa ttttwwcatct ggagtkaga aatgtcaatt 180
taatcttgaa agtggaataa ggtaaaagat aggctaataa tcttgatttt atatgttggg 240
ag 242

<210> 26869
<211> 309
<212> DNA
<213> Homo sapiens

<400> 26869
gggggcaggg tagcccaaaa ccaggagggg tggacaggct gtggcctaca gcttgagggg 60
gctggccctt cttttccaca gcaagggtcg gcccatcggt gccaaagacag gacaggcctg 120
tgcgtgaggg tacacgggtg gcttccatcg agaccgggct ggcggtgct gcagctaagt 180
tgtcccagca ggaggagcag aaaagcaaga vaaaaaagag tgccaagagg aagctgactc 240
ctaaccaccac ctccccttcc acctccacct ccattctctgc cggcaccacc tccacctcca 300
ccacgcgct 309

<210> 26870
<211> 248
<212> DNA
<213> Homo sapiens

<400> 26870
acaractata tcttacagta gtatcatcat cagtatcaaa ggtctccttt ttttacttgg 60
aaaagtaatt cacaaacatt ataaaaatac tattcaaaca gtaccaaaaga gtagattagc 120
maaaagtaag tttttttccc tagcctgtct catttttcca tcattacaca gactacttgg 180
aatgtcttag atgtccttgt atkgtaattt tctgtgtagg tagaaataaa tgtagctttc 240
ttattttac 248

<210> 26871
<211> 199

<212> DNA

<213> Homo sapiens

<400> 26871

atcgcacagg	amattaagaa	caactcttgg	aaatagctct	gtgactgcta	agttaggaaa	60
gggaacgttt	gtttactcgg	cagcagaaaa	ccaggaaccc	accgaccggc	cagcgaaggt	120
cgcccgcttc	cagcagtgcg	catcgttccc	ctaccccggg	cgccctgaat	tccaattttt	180
ccagtcccaa	tcaggcaac					199

<210> 26872

<211> 294

<212> DNA

<213> Homo sapiens

<400> 26872

ttatgctgtg	ccacgtgcag	atggtgcaca	gatgcataga	tccctgcccc	gaagaagctt	60
caaacgtttt	taaaaatttt	taaattgatt	ttaaaaatta	attaattatt	tatttttggg	120
gatgaggtct	tactgtgttg	cccaggctgg	tctcaaactc	ctggactcaa	gcaatcctcc	180
catcttgacc	tcccaaagtg	ctgagattaa	agggatgagt	caccatgccc	agctgcttta	240
aactttttaga	aagaaaacta	gcttattaga	aaatgcagat	tttgaggcca	gcac	294

<210> 26873

<211> 113

<212> DNA

<213> Homo sapiens

<400> 26873

ttgcccaatg	tcacacagca	gtaagtgaag	aagcscagat	tcatgcctag	gccacctggt	60
tccagagttt	atgtttgtaa	ctactctgga	attgattttt	tttttttttt	ttt	113

<210> 26874

<211> 53

<212> DNA

<213> Homo sapiens

<400> 26874

attggattat	acctgtgagc	taccacgccc	ggcctttttt	tttttttttt	ttt	53
------------	------------	------------	------------	------------	-----	----

<210> 26875

<211> 165

<212> DNA

<213> Homo sapiens

<400> 26875

tcctcttttt	tattgttata	aacaatgctt	gcttttctat	tcccttaaaa	taataccatg	60
gaattgtgat	tcctgggtca	agtggaatat	cctttgaaag	gctctggcct	tttaaacttt	120
cattctaata	ctggatataa	gacaagagat	agaatgaccc	cccct		165

<210> 26876

<211> 145

<212> DNA

<213> Homo sapiens

<400> 26876

taaatataga aaaaattagc cgggcatagt ggtgggtgcc tgtattccct tgagcctgag 60
 aggtcgaggt aggaggattg cttgagcctg agaagttgag gctgcagtga gccgtgatca 120
 tgccactgca cccagcctg ggtga 145

<210> 26877
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 26877
 gagtctctc attgtgggag ctccgcccac ccagggatag ccacccatcc tggaaccctc 60
 ccgttctgga agtcccagcc gcggtgtaac cacgcccact gcggaacccc tcccactaga 120
 gagaccaggt gtggaatctc tgcccagaga ggggtgccgc ctagacacgg aagctgctcc 180
 cgtcaggaat gagagcccac tgtataagcc ctgctacaca cacaattctg gaagcccact 240
 caactcactc taattatcac agaggcatag tggagggtgg agacaacctc accaaccttg 300
 agaactctcc tccaaccctt tggattaag ggcagattgt gtccacacc atc 353

<210> 26878
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 26878
 agtgctggga ttgcaggcgt gascgccgcg ccgggcccwtt gttttghttt ctagattgaa 60
 gaaaattttt tctcagaagt tatctagaat ttacaccgat ttggtaaagc a 111

<210> 26879
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 26879
 tttctttgag atggagtctc gctctgtctc ccaggctgga atgcagtggc gcgatctcgg 60
 ctactctga cctccgcctc ccagggtcaa gcaattctcc taccattgct tgaacatttr 120
 atcgcgkat tgcatccag cctgggcaac agagtaagac tccatctctg aaaaaaaaaat 180
 tgaatacgac ttacacatat aactatataa ttcgacagaa tttgtcttca ttacatttaa 240
 atccatttg aaatctctca ctaaagcgav acaaagacaa ccatadgma 289

<210> 26880
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 26880
 tataaataat ttttttccct tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60
 ccattggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
 gctgggacta caggcatgtg ccaccatgcc cagctaattt tttttttttt tttttttttt 180
 t 181

<210> 26881
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 26881
agttctcatt ttgtgtgctc ggctgactgc acgtccagcc tcgggccagc tcgagacggc 60
cacattgtga gtctgtggga gggattctac cgtgaca 97

<210> 26882
<211> 147
<212> DNA
<213> Homo sapiens

<400> 26882
ctttattgag ggatacttta ctctatgaaa ttcactcatt ttaagtgtac aattcggtta 60
ttattactat atttacagaa tcctgtaacc atcacaattt tatttttaat cgtttccatg 120
gccctgaaaa taaaccacat acccaag 147

<210> 26883
<211> 241
<212> DNA
<213> Homo sapiens

<400> 26883
aagatcagtc cactgcagca ggagtttcaa gaacagcagc acaaaaataa tgacttaact 60
ggatagaaaa aaaggcacat attttcagga aggcctcttt attcttagaa gttacccttc 120
aagatgacaa gtgggtgcaaa ctcttcagga tcttacctgc cctcagaaat aagaagttct 180
aaaatagatg acaactactt gaaggaattg aatgaggact taaagctaag gaagcaggaa 240
c 241

<210> 26884
<211> 264
<212> DNA
<213> Homo sapiens

<400> 26884
tctkttcact ctggtggata tggccaggat gccttgggta tggaccccat gatggaacat 60
gagatgggtg gccaccaccc tgggtgctgac tatccagttg atgggctgcc agatctgggg 120
catgcccagg acctcatgga tgggctgcct ccagggtgaca gcaatcagct ggcctgggtt 180
gatactgacc tgtaaatacat cctttaggag taacaataca aatggatttt gggagtgact 240
caagaagtga agaatagcaca agaa 264

<210> 26885
<211> 336
<212> DNA
<213> Homo sapiens

<400> 26885
atattgattt gcacatgttg akccagcctt gcatacctagg gatgaagccg acttgattgt 60
gatggataag ctttgtaatg tgctgctgga ttcggtttgc cagtgtttta ttgaggattt 120
tggcattgat gtkcatcagg gatattggcc tgaaattttc tttttgtgtg tgtgtctctg 180
ccagggtttt gtatcaggat gatgctggcc tcataaaatg agttagggag gattcccttt 240
ttttctgttg tttggaatag tttcagaagg aatggtaacca gctcctcttt gtacctctgg 300
tagaatttgg ctgtkaatct atctggtcca gggcat 336

<210> 26886
<211> 185
<212> DNA

<213> Homo sapiens

<400> 26886

ctttcctctc	ggaatcttcc	agaagtaaaa	ggaacagtaa	ataagttatg	tgtgaaagtg	60
ttactggggg	aaccctacct	gggaggtagg	gttacgtggg	aacagtgtgg	ttgatcttwa	120
aagactatta	cgaaggctgt	ttaacaagca	tgcgttagag	ctccgtgtgc	ggatgtagag	180
gggca						185

<210> 26887

<211> 338

<212> DNA

<213> Homo sapiens

<400> 26887

atattgattt	gcacatgttg	aaccagcctt	gcatectagg	gatgaagccg	acttgattgt	60
gatggataag	ctttgtaatg	tgctgctgga	ttcggtttgc	cagtgtttta	ttgaggattt	120
ttggcattga	atgttcatca	gggatattgg	cctgaaattt	tctttttgtg	tgtgtgtctc	180
tgccagggtt	tggtatcagg	atgatgctgg	cctcataaaa	tgagtkaggg	aggattccct	240
ttttttctgt	tgtttggaat	agtttcagaa	ggaatggtac	cagctcctct	ttgtacctct	300
ggtagaattt	ggctgttaat	ctatctggtc	cagggcac			338

<210> 26888

<211> 377

<212> DNA

<213> Homo sapiens

<400> 26888

cacagtgtag	gtatcaaaat	caggaaattt	aacattgata	caataactctt	atctaatagc	60
ccagattcga	aatgtcttca	gttgtcccg	tgatgtcctt	tgtggctatt	tttgtttctg	120
gccaggatg	tgattgagga	tctcacattg	catttagttg	tcctgtttcc	ataatctctt	180
ctaatttgga	acaagtcttc	ggtecttgtg	ttctggacct	tgacattttt	gaggaatata	240
taggccagtd	atthttgtgaa	tcatttttaa	atthtgattt	gtccggcatt	tcttcgtgat	300
tdtgggttag	gttataaatt	tttggcagga	ataccatgga	agtgatgttg	tgthcttctc	360
attgaatcct	atcagga					377

<210> 26889

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26889

gtatgtktag	tagagacggg	ggtttcacca	tttggtcagg	ctggctctcaa	actcctaacc	60
tcatgatctg	cccacctcgg	cctcccaaag	tgctgggatt	acaakygtga	gccaccgcga	120
ccggcccaac						130

<210> 26890

<211> 176

<212> DNA

<213> Homo sapiens

<400> 26890

cacaagcatt	tattgaatgg	attagattac	tgacgtcaga	aaggtctttt	tatacactgc	60
ttctgtcaaa	tgtgttttta	ctcacaagat	ttcaatagtt	tcttaatttg	tacacgttaa	120
atcttatctc	acctgctcaa	ctcataaggt	ttggctccac	ctagcttctc	ccacat	176

<210> 26891
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 26891
 catttgatct ttttttaaag acggagtcct gctcttgca tccaggctgg agtgcagtgg 60
 cgtgatctcg gctcactgca acctcttct cctgggttca agcgattctc tgcctcagcc 120
 tcctgagtag ctgggattac aggcacctgc caccacgccc agctaatttt tgtattttta 180
 gtagagacgg gtttcacat gttggccagg ctgggtgmra actcctgacc ttgtgatcca 240
 cccgcctggc ctatttgatg ttt 263

<210> 26892
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 26892
 catgtattgg ctaactttca ggggcctcag attccatattg tcttcagtgg attgatgaat 60
 atcagggttaa tttgtgcctg cccagccat ctctacttta ttctgaggta ttccaacawt 120
 cctcttggtg caggtgcat 139

<210> 26893
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 26893
 aataatcaca gtcawaatta taataatgaa aaagtttgaa atgctgtaag aatgatgaaa 60
 atgtgacaca kacgtgaagt gagcacatgc tgttggaata atggcaccga tagccttgct 120
 ccaggcaggg ttgccataaa ccttccattt gtaaaacgtg cagtatctgc aagggtgtgat 180
 aaagcaaagc acaatagaat gagtnattct tggactcaca gagcataaca cggggaact 239

<210> 26894
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 26894
 ggcgggtgaat cagagccaca ccgagaaccg ccgcggascc tcatccctaa cggtgaaagt 60
 ctcttgaagc ggtctccgaa tgtggagctc tccttccac arcgatcaga aggtcaaatt 120
 gtctttagtg gtaggt 136

<210> 26895
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 26895
 gcaatggcat gatcttggt caccgcaacc tccgcctcct gggttcaagc gattccccctg 60
 cctcagcctc ctgagtagct gggactacag gggcatgtca ccatgacagg ataatttttt 120
 tgtatttttag tagagatgga gtttcaacct tgttgccag tatggtctcg atctcctgac 180
 ctctg 185

<210> 26896
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 26896
 actagcaacc actttcagcg tttctgcaaa gctakagaag ggttcccart gccgattccg 60
 acactgtgaa gagggcccttg gcagtvacac tgtgtgctca ttatggagag asasgaaatg 120
 tttagatcca ctttgcagat ttagacacat ggaaatgcag caaaactgca gcatttcag 180
 cttctgggaa actcagcctc wtgggttgtgt gaagatcagc tgtatctttt atcacagcaa 240
 acctcgaaat aat 253

<210> 26897
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 26897
 agctgtaaga ggctgttaga aaagtcattgt catgtcatgc cacctgttac gttttatttt 60
 ttgatgcctt ttttttcctt tttttttttt 90

<210> 26898
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 26898
 gggcaatgta gtccagtcatt gtggctagca ggaaaatgca gggggccttg tgaaaatttg 60
 ctctaggtcc cagacttggc aaatgataca agatttaact cacacagtcc ggcttccaag 120
 cccacactct taaccactgt actctcagtc agggattgag tgggcaagca ctgtgggctg 180
 cagacaccaa gctccaccat gattccccct ccactctcag aggtccatc cagctggcag 240
 gctcacagca ctgcagccca gcattctgaag tgattcttaa tacttgaatt aaaaggagaa 300
 tggtcattaa acagaaactg ctgctaaaag tgacaagcaa cttagcaata cacattagga 360
 gcma 364

<210> 26899
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 26899
 taacgaatga atgttgcttg cttactctat atgctgggca gtattgtagg cacttggaat 60
 acattagtga acaaaacaca gggaagtttc tttcccttat agacattaca ttctagcaga 120
 ggtacacaga cataggtgag taatacagca tattataagg tgatacgtac ttagggaggt 180
 aaaaagcagt ataaggagga tttgggttat aagtatggtc aggggttttc tgagaaggt 239

<210> 26900
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 26900
 gacttgactg gatgtgtttt ttcttggtta aatctatgct agtctaggtt ttacatttt 60

caaacacact tagaaaaatt tgaagttatc tctacttaaa aaaatgtatt ggctgggagc 120
 ggtggctcac gctgcnntc ccagcgcttt gggagt 156

<210> 26901
 <211> 96
 <212> DNA
 <213> Homo sapiens

<400> 26901
 gtgagggaaa agccttttgt tacagcacac agtgtacgtc cataaggctg ggttgtggac 60
 tttggttgtt tttttttttt tttttttttt tttttt 96

<210> 26902
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 26902
 actgaggcaa gaggattgct tgagcctagg agttccaggt tacagtgagc tatgattgta 60
 ccactgcact ccagcctcgg caacagagtg agactttgtg ttgaaaagag agagagaaaa 120
 aaatgtccca gcaactgagc atagggtatg actttaggaa tatatatttt tgttcagtat 180
 atattttattt agtatacagt ccagtcaatc cctgctctaa ggtaggata attctgagtg 240
 gctctgggat ccacaatta gcaatcgtgc ttagatacaa ttagcaatct tgatgctctg 300
 aatttgtgtg tgat 314

<210> 26903
 <211> 115
 <212> DNA
 <213> Homo sapiens

<400> 26903
 cattcttaat ttgagtgcac gaaccactgc agatgagctg ataagcagaa attctcaagt 60
 gggtttcact aataaatgtt tttttatatg atttgaaatc aagtaaaggg actcg 115

<210> 26904
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 26904
 agcgcggctt cggcgggttg cttggagaag caagatggcg ggcacggcgg ccgcagtggc 60
 ggccgaggag gacacggagc tgcgggacct gctggtgcag acgctggaga acagcggggc 120
 cctgaaccgc atcaaggctg aactccgagc agctgtgttt ttagcactag agggc 175

<210> 26905
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 26905
 taatcagatt ctggattaat ggagtaaagc ccagaaaacc tgaattagtt atataatccc 60
 gggcaagtca ctttcctttt aatttttctg ccctgtaaaa tgaaggactc agctgggtgt 120
 ggtggctcgc gctgtadwc acagcacttt gggagaccga ggcagatcac tggaggtcag 180
 a 181

<210> 26906
<211> 424
<212> DNA
<213> Homo sapiens

<400> 26906
atttgcttac ttcagagaac tcccaaccct cacaaaaaga ggcaactcaa gtctctagga 60
catcaaaatg ctgatgaaaa tctcagatat ttattcaaat aaggtaacaa aaaattgagt 120
tttgtggcct gacatttcga cgttgtgtaa ttagaaaagc acagagtttt aaagcatccc 180
tggcatgacc tatggtcatt gcttcctgac tattgctccg tgcaagtaag aatacagaac 240
agaaacagcc cgggactaaa tgtcaaaggc cagaggttat gtaccatgtg gctctcagca 300
aggtcttact ctctctccac atatgaagca ggcacagtaa ctcattttcc ttttatctca 360
tacattaaac aaatcaaata aagcaatgaa ttataattc tttatttttt taacctttgt 420
ttaa 424

<210> 26907
<211> 237
<212> DNA
<213> Homo sapiens

<400> 26907
aatagaatct ggacagggat gaggcaagga gacaggagtg atctctccac cctggggcca 60
gtgcctccag aaagaacgca gccctactga caccttggtt ttggcctggg gagaccaact 120
ttggactttt cacttcctaaa actcaatgat tttcagaaat gccttagttc tggagttgaa 180
gcggctgtgg tggatgggat tctggatggc gacgtagcgg tccagcgaga tggcgca 237

<210> 26908
<211> 246
<212> DNA
<213> Homo sapiens

<400> 26908
gtgattgtta cgtgatggta ttttaaggtta agtttcacag agcattcagg ataggcagaa 60
aactaaaaca gtgctatgtc tcacataacg tgtcctcagg gagcagaatc ttggatttgt 120
gacttgtagc ttcataagga ctcaacgaaa gagattgcac agggacatct tcagcgggtg 180
gacagcagga catgttcttt acctagattc aaattctatg tactgtgtga aatgatgaag 240
gctgct 246

<210> 26909
<211> 292
<212> DNA
<213> Homo sapiens

<400> 26909
gtgtctcttc tgctcatgca gcctggaggg acctctcggt gatccccggc cgaccctcc 60
ccagcactca gcccaagaac cagcctcaac cacctccctt cccagctcag cctcacctgc 120
tgmvcactca gcaatacctc ctcccatctc ccatcctcag acagcccatc cctcctgcaa 180
ggtccagtcc gaagtcgtca cctccccccag gaggccacc cgtcctcctm agcscagcct 240
gamtctcagg atcaggctma mctcgcgagg gctgaagcca ccaagtcata gt 292

<210> 26910
<211> 198
<212> DNA

<213> Homo sapiens

<400> 26910

tgaggcgcg	cccagccgca	gccgcagtc	cagcctcagc	cgcagcgcc	gtgctaccta	60
ggtgatagcg	gacgactggg	taggaagcaa	ttgttctcaa	acttcactag	ccccgtcggc	120
gcgagcgctt	gtsgagaatg	cagattcctg	ggtactgcca	gatacgaatt	gagcatacca	180
caadaaagtt	ctcatttt					198

<210> 26911

<211> 202

<212> DNA

<213> Homo sapiens

<400> 26911

actaccgtga	ttcaatcacc	tcccaccatg	ccccctctcc	aacacatggg	gattacaagt	60
ggacatgaga	tttcgcagaa	gtgcatctgc	gtwatgaaga	atgcacaaga	aaggagaaca	120
catcattttc	cacaatcaca	gctacctatg	tgacagttag	ataacagtga	tttttgaaag	180
cctctgttgt	ttttccggct	gc				202

<210> 26912

<211> 302

<212> DNA

<213> Homo sapiens

<400> 26912

ctatcaagag	aagcatgcaa	agttgttaac	caccattagc	aatgactaga	tggtaacttc	60
tgggtcattt	cagaacactt	cttacggact	ttggaaaacc	tggcactgct	gccacttttt	120
gaaggctctg	gactttgtct	aaagaaccaa	cctgtgcccc	acaaagcatg	cctaaactta	180
caagtacagt	tgtgcactca	aagcaaccct	gagactgtat	ttagtaaaca	tggaggggaa	240
gttcatactg	tccaattaat	atgaaactat	aaaaaatggg	caatccataa	tatgacacaa	300
gc						302

<210> 26913

<211> 237

<212> DNA

<213> Homo sapiens

<400> 26913

tgctttgtca	tccaggctgg	agtgcagggc	gcaatctcgg	ttcactgcaa	gttccacctc	60
ccgggttcac	gccattcttc	tgctcagcc	tcctgagtag	ctgggactac	aggcacctac	120
cgccatgccc	ggctaatttt	tgtattttta	gtagagatgg	gctttcacct	tgtagccag	180
aatggtctgg	atcatgaggt	caggcgatcc	agaccattct	ggctaacaag	gtgaaag	237

<210> 26914

<211> 168

<212> DNA

<213> Homo sapiens

<400> 26914

aaaccagctc	gggtccctt	ccacaccgtg	gaagctttgt	tctttcactc	tttgcaataa	60
atcttgctac	tgctcactct	tcgggtccag	gctgctttta	tgasctgtaa	cactcaccgc	120
gaagatctgc	agcttcactc	tagagccagc	gagaccacga	acccacca		168

<210> 26915

<211> 231
<212> DNA
<213> Homo sapiens

<400> 26915
tatragsawa attataatat tggaatatva tatctrgaac ttatttcttt ataggctart 60
aaagaaatcc ttttggcttt ttcacgagat ttcctaartr gtraaggtra cctttcccgt 120
caccttggct tattgggatt acctgttaac catgttcaga caccatttga tgaatttgat 180
tttgccgtta caaatcttgc bvtaracttg caatgtggar tgcgccttgt s 231

<210> 26916
<211> 203
<212> DNA
<213> Homo sapiens

<400> 26916
aagaacttcg gagctcaraa caggtgatac tcaactcctcc tttggggaga ggccgtgggc 60
atggcttcac ttttcagctg gattataaag gatgtgaagt tagcctgact gagcagaagg 120
ggagggaaga cagcactcca ggaaagtgga acganacaac agagtccaaa gggccctcca 180
gcctaccac tccccaaagta cct 203

<210> 26917
<211> 172
<212> DNA
<213> Homo sapiens

<400> 26917
aacttggaac agcaaagtgc aaatgaacgg atagacacaa actgtgaaag agtcctgaac 60
ccattacaag gtgaatcttt acagcacaat tgccctctga agctacttga aacagggcat 120
gggacttaaa ggagamaaaa aaggaaatgg accatctctt ctaacacctg gc 172

<210> 26918
<211> 100
<212> DNA
<213> Homo sapiens

<400> 26918
ctgaggcagg agaatggcgt gaacccggga ggcggastgc agtgagccga gatcccgcca 60
ctgcactcca gcctgggcga cagagcgaga ctccgtctca 100

<210> 26919
<211> 91
<212> DNA
<213> Homo sapiens

<400> 26919
gaacccggga ggtggaggtt gcagtgagcc gatatacac cactgcactc cagcctgggt 60
gacaaagtga gactccatct caaaaaaaaa a 91

<210> 26920
<211> 270
<212> DNA
<213> Homo sapiens

<400> 26920
 tccttatttc aaattgaact taccctgtct cctcttcccc gtgtcccttt tataatcttc 60
 catatctcag taaatagcag cttcatcttt ccattttctc aggtcaaaac ctggagacat 120
 tcttgastct tctcaccat tacatctgat cccttaggaa atcttagcag ctctgtttaa 180
 aatatatcca gaatctgacc acttctcctc acttgactg gcataagcct acattacctt 240
 ctccaaatta tngcagtaat cccccctag 270

<210> 26921
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 26921
 agtctggctt ccgcggctgg acttctacac ccgcctccag acaggagaag ggcacgtacc 60
 ggcgctacgg cticc 75

<210> 26922
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 26922
 aaaaagatca gccacgtggc agtcaaccat gtctatctga ccaagttcca atgaaaactc 60
 tggacaccaa ggcttgggag atattttctca aaagactcct ctgcgggaga ggagaatagc 120
 tgtactctaa gcagttcgca gggagcatct ttcagcagct gaaacagctt tgcggccttg 180
 ctgtaatgaa gatctgccag cacccggtgt tgtttcctaa ggtgttctc accaacctag 240
 aaccaaacca aa 252

<210> 26923
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 26923
 attctcctgc gtcasctccc gagtagctgg gggctccgc caccacgcc ggctaatttt 60
 ttgtgttttt agtacagacg gggtttcacc atgttagcca ggatggtctc tatctcctga 120
 cctcgtgac caccacctc ggctcccaa agtgctggga ttacaggtgt gagccaccac 180
 tccctgccgt aaaaggccta atctktaatg accctcct 218

<210> 26924
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 26924
 aagtttaaat tccgctccct ccacgaaaga gttgtagtga gtgaaaataa atattaaaac 60
 acacggaaat gtattttcct ggctgcagca cctgccatct tgcctcggt akgactcatt 120
 ttcaaaaaca gcagcttctt gaagccccag aacgcattcc tgtgctacgg aagacggaag 180
 agtagctctc ggggtcagaa ggcgaaggat cccaagtatc ctgtagagaa cttgctaaac 240
 ccagat 246

<210> 26925
 <211> 351
 <212> DNA

<213> Homo sapiens

<400> 26925

aacaataaaa	actcttcgcc	ggaaaacgac	ctttccccgc	ccactgcgct	gacaccggaa	60
gcgagggcgtg	tctgggagat	cactccgcgc	tccggcggcg	aaggaaagaa	cggastckga	120
tcatagaagc	ctagtaaagt	agtacacctc	tctcctttcg	tgaggccata	agaacaaact	180
cctttttctcg	tcacagctac	gccctgggca	taaacggttg	gggcgtcaaa	gggagggagg	240
gaagggagcg	ggcgggagga	gacgntcacg	tggtcgcggc	gnaaggatgc	gtctgtgctg	300
cgtccccata	gagacgaagt	ctataaaggg	ccggcgggcg	gccacggcag	g	351

<210> 26926

<211> 168

<212> DNA

<213> Homo sapiens

<400> 26926

aaaggtgaca	taatgtcttt	cccatcatta	ggttacatta	taccttgctg	gctttgaaga	60
agtaagctgc	tatattctga	gagaggagaa	atgtcaagga	gcctgtggga	gctcagagca	120
gaccttgatc	acagccagcg	agaaaatgtg	gcccgtagtc	ccacagac		168

<210> 26927

<211> 241

<212> DNA

<213> Homo sapiens

<400> 26927

ggttttcata	acttttgtgg	atcatctttg	gttcccagga	ctcatgctgt	tcaaataatg	60
cttaatttgt	cataactttt	aattaatdtt	tatttagaaa	agcttattgt	tccttagcat	120
atgctattaa	atattaatag	atgtcttaag	agaaatattg	atgtttttca	tttgacacat	180
acatatatgt	gtcaaaagtg	tgtgtgtata	cacacacaca	crsaaacaca	gcacacaccc	240
c						241

<210> 26928

<211> 78

<212> DNA

<213> Homo sapiens

<400> 26928

cccatagtaa	aacttgtaaa	taaggaacta	tatcatattc	agtagctgtg	ttctgttcca	60
tctttttttt	tttttttt					78

<210> 26929

<211> 291

<212> DNA

<213> Homo sapiens

<400> 26929

agaaactgga	rtacatggca	agagaaaagc	ataggctgaa	rgtagagata	cagtaacgtc	60
ttcaaataat	ctgckctttc	tacccatcaa	agacagaaaa	tagctggatg	gagaraatac	120
cactgassct	aacccaggrc	aatcctcctg	kctktgaatg	tctccatgct	gctcacttgc	180
ctccttgcac	tcaaccaaga	ctgcgaagtg	tacctgaaca	ccaattagga	ggtctcccac	240
ttccacacac	aaaraaggga	atcccatggt	aataaaatgc	tttccagaga	t	291

<210> 26930

<211> 392
 <212> DNA
 <213> Homo sapiens

<400> 26930
 aaccttggtg ctagggaccg ggcggtttgc ggcaaccgtg ggcaactgctg aatttgaatt 60
 gaggggagag ggaaaagttt tcctcaggtg tgggtgggag agggaggcgg atgccggnga 120
 aaccgtagk acgcggtcag aaaggcgacg ggctgtcgga gttggaaagg gacgcctggt 180
 tccccccaa gcgaaccggg atgggaagtg acttcaatga gattgaactt cagctggatt 240
 gaaagagagg ctagaagttc cgcttgccag cagcctcctt agtagagcgg aatgagtaat 300
 acccacacgg tgcttgtctc acttccccat ccgcacccgg ccctcacctg ctgtcacctc 360
 ggccwccac acccggtccg cgctccccgc cc 392

<210> 26931
 <211> 268
 <212> DNA
 <213> Homo sapiens

<400> 26931
 agaaacacca gtgcgagaac actagtaaga gcaagacctc acatttgtgt tgttttacag 60
 tttaaaagc actttcatat ccattatctg attgacttcc aacagccacc ctatgataga 120
 aaggtctgga catctatctc atcattggca tatgtggagg aggcagcctc ttgatggtct 180
 ttgtggcact gtcggttttc tatatcacca aaaggaaaaa acagaggagt cggagaaatg 240
 atgaggagct ggagacaaga gcccacaa 268

<210> 26932
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 26932
 cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
 cageccctga caatcaccat tctaccttct agctctgtga atgtcacaag tacatcatta 120
 tgtgggatca tacagtattt ttttgtgack kgcttattat acttagcatg atctacgttg 180
 tagcaggtgt cagaatttcg ttcccttgaa aggtgaata atattccact gggtttagat 240
 acaccacgtt ttgttgacct attcaccat caagggacct aagttgcttc cacattttag 300
 ctacagtga taatgtact agaracataa gggcacaag ctgggtctgt gaca 354

<210> 26933
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 26933
 cgccattttb ctgcctcaac ctcccagta gctgggacta caggcaccgg ccaccacgcc 60
 cggttaattt ttttgtattt ttagtagaga tggggtttca ctatgttagc caggatggtc 120
 tcgatctcct gccctcatga tccgcctgcc tcagcctccc aaagtgtctg gattacaggc 180
 gtgagccacc gcacccggc 199

<210> 26934
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 26934
 agggatagtg tctgcgcttc taccctgaat agggctccct tggaaaataa tatctctttt 60
 taaatacccc cttggaccac ttttaatatg tttctgatag aactaaacag tgatcattct 120
 cttaattcat gtttccatta agtttttcag gtttaagtact gcacgactac tgccttctga 180
 aactgataga cactgcctca gctccgtgca gggcagacgc acaagagcag aatctccgtg 240
 ggacatctct ctggagcatc aatattactg cagtatttgg aagaaacaaa tttaaataag 300
 ttctaagtaa ndatgataaa tcatatcaag tcaattgaaa gtccctgcctg cat 353

<210> 26935
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 26935
 atttgagtat aagcagggta aatactcaact ggaccctgtc cagaccatgg attacatggt 60
 ggctcacacc tgtaatccca gcacttcaag aagccaagga ggatagcttg agcccaggag 120
 tttgagacca gcctggacaa cataggtgtg gtgtctatct gaagaatatt ttactttcaa 180
 aggaaagatg ctgtctccaa atgataaaat gttaggdraa ctggatccat tttatcaacc 240
 ttcagtgtcc aagcagaaga ccagtgcaga aatcataagt gaagcaagaa atgcattaag 300
 aacagttaga acccaaa 317

<210> 26936
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 26936
 gccattacaa caaaaactgg cggcgaggaa ctgcggagaa ccgttgccct gcaccgcttc 60
 attttgtgca gcctgaaagg ggcaatcaca taaggacatg tacttgtaga caggattcaa 120
 agcagtttaag aatgtctctg ccaagtcgac aaacagctat tattgttaac cctcctccac 180
 cc 182

<210> 26937
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 26937
 ttttttctga gacggagtct cctctgtgca cccacattag agtgcagtgg cctgatctcg 60
 gctcaccaca acctctgtct cctgggctca agcaattctt ctgcttcaat ctctgagta 120
 gctggggctg caggcatggg acatcatgcc tggctaattt ttgtattttt agtagagaca 180
 gggtttccac atgttggcca ggctggtctc aaactcctga cctctggtga tctgcctgcc 240
 tgggctccca aagtgtctggg attacaggca tgagccactg cgcccagtct ggtgtgtctt 300
 ataaaaagct gcttctgccc tgccctgttt tagccagtcc tgtttggtcc cagctccdag 360
 cctgcctct ggagtcgaagt cctgcctcct atctcaattg taataaatgt tctgcaccag 420
 ca 422

<210> 26938
 <211> 372
 <212> DNA
 <213> Homo sapiens

<400> 26938
 tactatgatg gggggaccct catcctaggt aaacagagac actgaagcaa aattaggtgt 60

gattaaacag aaacaacaga tggtatcttt ctattgggaa actaatcggt tgtgtaactg	120
gcaggatgaa acatcagaaa atacttgaca cattttgcta gagtcctaaa gggcacctag	180
gaagactgac tccaaaatgt caaaataagg aaaatacata actcagacta gagtcagaca	240
gaagggagtt ccattcccag cccaccacct gtcagatttg gggcaagtta tttaaccttt	300
tttgctcctc agtttttttt aatccctgaa atggggattg gaattggaac attataggat	360
tgtcatggct gg	372

<210> 26939

<211> 184

<212> DNA

<213> Homo sapiens

<400> 26939

tatgaatttt aatctagttc aacagtaata atttagtagt gtttcagtct agaatttata	60
ctgcaactat tattgtactc attgttaggc aaatatgaat aagtgtctcc taagatgaaa	120
atctggcacc aaattgtaag ttgacatcta aaacactgga tcagcaagct tttaccgca	180
ccgt	184

<210> 26940

<211> 373

<212> DNA

<213> Homo sapiens

<400> 26940

tcccaaactt aaagtgaaag ccatagagtc ctttggtgac tcccatgttc tgtgctgggt	60
ctagaacatg ctggtaaata tcagagtttc tatgcttatt gctgataagt agacattttt	120
aaaaatcata araactgtat tttctatata gttagcgtta gtttatgaaa aagatgcaga	180
ctcagtattt ggagcattgc tatcgctcca tgatgtgttt aaaaattatt tttaaattga	240
caaaatttta tatctacata tatatatatc ttgtaacaca tgatgtttga ratgcttaat	300
tctagccaat taaaaatgct ttacctcaat agttattttt attgtgagaa aggtcaacat	360
ggtcttggca ctt	373

<210> 26941

<211> 428

<212> DNA

<213> Homo sapiens

<400> 26941

agtggcaacc cgcttgggtc cccttcaca ctgtggaagc tttgtgtctt ttgctctttg	60
caataaatct tgctactgct cactctttgg gtccatgctg cttttatgag ctgtaacact	120
caccacgaag gcctgcagct tcactcctgd agccagcgag accatgagcc cgccgggagg	180
aacgaacaac tccagatgtg ccgccttaag agctgtaaca ctaccgcaa aggtctgcag	240
cttactcct gagccagcga gaccacgaac ccaccagaag gaagaaactc cgaacacatc	300
caaacatcag aaggaacaaa ctccagacgc accaccttaa gagctgtaac actcaccgca	360
aggtccgcag tkctattctt gaagtcagtg agaccaagaa cccaccaatt ccggacacat	420
tttggcga	428

<210> 26942

<211> 279

<212> DNA

<213> Homo sapiens

<400> 26942

agaacttgaa tgtcttctca aaatcggggt ctgtcactgc agtcttgtgg cattaccaat	60
---	----

atTTtgatag atggtgtgag ctactgagct gaaaataagt ttatTTTTat tttttatTTt 120
 ttatTTTTtg agacggagtc tcgctctgtc gccaggtcg gagtgcagtg gcacgggtctc 180
 cgctcgctgc aaactctgcc tcccaggTtc atgccattct cctgcctcgg cctcccaggt 240
 agctgggact acaggcgccc ctccaccacgc ccggcatga 279

<210> 26943
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 26943
 agcagatcgg ccaagtacgc ggaggccgcg cggtttcacc attaatactc ctgaaggaca 60
 atagctcatc aagccccacc gaaagccccg gaccgcgcgc ggasctgggc tggcggggga 120
 tgaggctgag caactcctcc tagaggTggt tatgtggaga aggagcaatc ctttctccct 180
 cctcctcctc ccccccca 199

<210> 26944
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 26944
 aatggaacgt ggccagagat ctgtacagag gctgtgggcg ctccTaggaa agtctggcca 60
 agtgcctgag agttggaagt gcttcaccaa taaacatttg cccagggcat tgtaggatgg 120
 gcacgggttc ggcagaagaa ctttccaaat aaagataaca caccacc 167

<210> 26945
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 26945
 ctatagagtt cttcattaac atttatacga gttttttgct gagtCagatg gacagttggg 60
 ttctgatgct ttttccttct cctttccttt tattattatt atttwwttct ttttaagaact 120
 aaggtattgc ctgaaaaaca agtgaTgtct gtgcagccac g 161

<210> 26946
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 26946
 cgaagtatgt aaatctccag tttctcatct gcctcttttc atgcggaatt caagtagcta 60
 gtcattagca gtacagcttg gtccTggtga gtagatgggt cttctgtgga gatrcTrgda 120
 rggtracarr cgagaacatt ctctgggtrg gccgggctca gagcctctaa gagcagaccg 180
 gtctgagtat ttgtgttgca gatggaactg ccagctgcc tctgttgccc ccagcccctc 240
 ataaagtcag ctctacctta gaaacacaca cacacacaca cacacacaca cataca 296

<210> 26947
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 26947

catgtttag tag ttatgtcaga atttccttcc tttttaagtc tgaaaaatat tccattgggt 60
 gtatgtatat ctacatatgt atctatatct gtctgtttca gartctgatt agtcacacct 120
 akaacaaaaa ttttcattta ccacatcatc ttttaatatc taatgttggc gtccttcatg 180
 aaaatttttt tatattaagg aatacatttt tttgagtctg ccat 224

<210> 26948
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 26948
 ataagaagggt aagaaggctg cagcttccac cgggcctctt gggctgtgta ctcttgacac 60
 tcttgctctg agaactaagc aggcg 85

<210> 26949
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 26949
 aacaattttt cattctcctt gaaagcgagt cttctttata cacagatgac aagttcacta 60
 actcagtaga aataagactt cagaaagaaa tattaaattt taatgtttcc tcagagtgat 120
 gtaaacctaa agacattttt ttaggatgaa tgaatgagtd tatgctcact 170

<210> 26950
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 26950
 ggagatagcc tcgtagaaat gacaaccaca atgttaatac taacatatgt attacatggt 60
 ttgtttgttc tttcgcttaa tattttcaga gcacctacct attataggca ctgtcacttc 120
 tcacaaaact gggaca 136

<210> 26951
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 26951
 aagaagggaa agacgcaggg aggcgttgac agcgcttcgc tgaaggacga ataaaaacct 60
 tgaaaaggga cttaactgcg aggttaaatac gtggaggatga gcaaggccca gtgtgtgcgg 120
 agaactcaca tttaagaagg agtccattga gccggacgca gtggctcacg cctgtaatcc 180
 taacactttg ggaagtcgag gcgggaggat cgctctgagc ccacaagttg gagactagcc 240
 tgtctctata aaaaataaac aaaatgagcc tt 272

<210> 26952
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 26952
 aggattcagt cggctgagct gccacctatc aacttagcac tcaagcaaag cacttatctt 60
 ctgagttagg cattacttca gttccctaaa gatgctgtcc agggaaacat ttggccctcc 120

004220" 6667560

agcctactgc atgggacata cccagcaat

149

<210> 26953

<211> 319

<212> DNA

<213> Homo sapiens

<400> 26953

catatgttgt	cttcgtcatc	atctaattat	aggggtgttaa	ctggggttttt	ctcatctttt	60
ccaatcaaag	atgggtcagtc	ggtacaattt	cttgactctt	agagcctccc	cttcctgccc	120
ctttattttag	atcatgtctg	cacttaacgtc	ccaagggaat	ctccacatcc	tttctaatagc	180
tgattgtcag	ctttgcttcc	tctttgactt	ggagtgggaag	tctgcttgtg	cacatgtgga	240
cgtgaagtgg	gcagcaggaa	ttcttgcctt	gatccttctt	tcttctaacc	agctgtcatt	300
tagatgagca	tggcccttc					319

<210> 26954

<211> 210

<212> DNA

<213> Homo sapiens

<400> 26954

atactctttc	tacattctgc	tccgcttttag	ctgcgagagt	ttaccaactc	aaatctggcc	60
caagcctgga	cagtctagat	aaggaagcgg	atcacaaaaa	caaattggtc	tgtgtgtgtg	120
tgcgtgcgtg	cacgcgcctg	tgtatgtttk	atatgatttt	actttgtttt	ttggcagttt	180
cgaattttta	taaactttta	tggggagvaa				210

<210> 26955

<211> 130

<212> DNA

<213> Homo sapiens

<400> 26955

aagccctgac	tgatggggtc	cccatggcag	acggaggcct	tcctctctca	gtccaccag	60
gtgctttctt	acctgcacga	tgtagtcaca	atcttcacc	tcgaacgcaa	tgctcttcac	120
tccgtcaccg						130

<210> 26956

<211> 289

<212> DNA

<213> Homo sapiens

<400> 26956

gtagctggga	ctacaggcgc	ccgccaacat	ggccggctaa	ttttttgtgt	ttttaataga	60
cggggtttcg	ccatgttagc	caggatagtc	ttgatagtgt	ttttaataga	cggggtttcg	120
ccgtgttagc	caggatggtc	ttgatctcct	gacctcgtga	tccgcccgcc	ttggcctccc	180
agagggctgg	gattacaggc	ctgagccact	gtgcccggtg	cgcccctctc	ttgttctgca	240
gtcaaatgct	ctaccctga	gctatatccc	cagttatagc	gccccgcat		289

<210> 26957

<211> 414

<212> DNA

<213> Homo sapiens

<400> 26957

catctgcatt	aaaaaaattg	taaatagagc	caggctcagt	ggttcatgcc	tgtaatccca	60
gcagtttggg	aggccgaggc	gggtggatca	cgaggtcaag	agatcgagac	catcctggcc	120
aacatggtga	aacctagtct	ctactaaaaa	tacaaaactt	agctgggcat	ggtggtgtgc	180
acctgtagtc	tcagctactc	ggaggctgag	gcaggagagt	cacttgaacc	cgggaggtgg	240
aggttgcagt	gagccgagat	cgccccactg	cactccagcc	tggccacaga	gtgagactct	300
gtctcaaata	aatagataga	taaatgatag	atagatagat	agatagatag	atagatagat	360
agatagataa	agggtaatgt	gagaaacctg	gggtgctgct	taagtggatg	atca	414

<210> 26958

<211> 305

<212> DNA

<213> Homo sapiens

<400> 26958

agcaaccgct	ttggttatct	ttctgtgctg	aggaagggtt	gttctttcac	tctgcactat	60
tttgcaataa	atattgctat	tgctcacttt	gggtttatat	tgcctttatg	agcttgtaac	120
actcaccatg	aagggtctgca	gctttactct	tgaagcttag	cgagaccact	aaccaccag	180
aaggaagaaa	ctccggacac	gccgccttta	agaactgtaa	tactcagtgc	gagggttcac	240
ggcttcattc	ttgagggagt	gcagaggagg	agtcggtttg	gtgagtggaa	tttgtgacgt	300
cccac						305

<210> 26959

<211> 451

<212> DNA

<213> Homo sapiens

<400> 26959

aacttctttt	ccggcagggc	tgtggctgca	gacagcatct	cctgctagtt	cacaggctgg	60
agtgcagcgg	cacgatctcg	gctcactgca	acctccgcct	cccgggttca	agcaattctc	120
ctccctcaac	ctcccagta	gctgggatta	caggatttag	cacacaaatg	tccatagagc	180
attnggaaac	aagcaatgag	agcagaggta	tccggtgtat	cccaaccacc	ctcctgcgga	240
tccccacgcc	tccctgcgc	atcccatgcg	ggcagcagca	cacaggagac	cacaggctaa	300
gcctgaacca	caggcagact	caccaggcac	gccccatggc	ctgtgctcat	gccctcaggt	360
ggtgacgaaa	ggtaggggaa	gctcaggccg	gggaacgtgt	ggggggtgag	tgcttcctgc	420
agaagcccct	ccggactgca	gcacagggtg	t			451

<210> 26960

<211> 165

<212> DNA

<213> Homo sapiens

<400> 26960

tctgatcact	agatttaatg	ctctggtaac	aactctctga	caactcatta	ttrstctagt	60
attagattcc	attggattct	ttatcttcct	tgtttctaaa	aaaatgcctt	tcctcattat	120
gcaagtaatt	kttctttatt	tcaccattta	tacagttggc	cagcg		165

<210> 26961

<211> 182

<212> DNA

<213> Homo sapiens

<400> 26961

ataatgtatt	atgatgtagg	ggagggagga	aggagggcca	gggtaggggg	cacaccctct	60
ccctgaatga	aattcattta	ggggcactgt	ctgctcgcat	gttctgttct	gggagaaaat	120

gggtagcaga agctacaatt tgtactaagc taatgaaaag agagaaaaga agaaggggga 180
tg 182

<210> 26962
<211> 239
<212> DNA
<213> Homo sapiens

<400> 26962
ttgcttgagg acaggaattc aagaccagct tgggcaacat tgcaagaacc catctctaca 60
aaaattttaaa gaacaaaact tagccaggta tgggtggtatg cgcctatagt cctagctact 120
caggaggggag aggaggggag atcacttgag cccaggagtt caaggctggt gctaagattg 180
tgccactgta ctccagtgtg agcaatagag ttagaccctg tttcttataa aaaaaaaaaa 239

<210> 26963
<211> 265
<212> DNA
<213> Homo sapiens

<400> 26963
cagctatgtg acttttaggca agccagtcac ttcattagta caaattgagc cccagtgcac 60
aatgtagggt taccctggag gattgcaaat gcatggaata ttaaataagg ttggaaaaaa 120
tagctaattg aagagawasc attaggtcat atgtvntaag ttctaataaa ttgtacagac 180
atagtagtct ttaaattcat aatgggtgag tcatgdkcag tggttaggaa agactggtca 240
aagatgtgga atatgagctg gaccg 265

<210> 26964
<211> 85
<212> DNA
<213> Homo sapiens

<400> 26964
attcctgsat attttktatt sttattttts tbagctaaat ctttttgtct cttttttttt 60
ctttcttttt tttttttttt ttttt 85

<210> 26965
<211> 79
<212> DNA
<213> Homo sapiens

<400> 26965
tcttcctccg cctcctcctt cgcctcttcc tgccctcctc cggcttccgc cgccgccact 60
ccagcctaatt cccaaccgt 79

<210> 26966
<211> 304
<212> DNA
<213> Homo sapiens

<400> 26966
aagatacaaa ttttaggtga ccaaactgat tttagtgacc tcaatcctaa aatctaagcc 60
atgtgttttag cttttaatga cattttataa tggttaaagg aggactttgg agctgttatc 120
tcatctagag attgtttgga acatatgtct tccagaatag gttgataagc tcacaatcat 180
ttattgctac gtttttgttt ttgttttgag acaaggctct actccgtcac ccaggctgga 240

gtgcagtggc atgatcatag ctcaactgcag cctcgacctc ccggggtcaa gcaatcctct 300
cacc 304

<210> 26967
<211> 219
<212> DNA
<213> Homo sapiens

<400> 26967
gttgcttctc tgccgcgcag gcagctttct tctttttccc cttgatcaca gtgttactaa 60
catttcatat cctgaagaac agaagaaaga gcgaaatcta cttccctcat caagattaat 120
ctttacttta attataaacc aagcatgcag atactatgta ttaatacttt tgcaagagca 180
ttaattatth cagtgaagaa tcatttttgt aatgacccc 219

<210> 26968
<211> 315
<212> DNA
<213> Homo sapiens

<400> 26968
tcaccttctt ctccatcctt stctgggcca gtcccccacc cagtccctct cctgacctgc 60
ccagcccaag tcagccttca gcacgcgctt ttctgcacac agatattcca ggcctacctg 120
gcattccagg acctccgmaa tgatgctcca gtcccttaca agcgccttct ggatgagggg 180
ggcatggtgc tgaccacctt ccccttgccc tctgccaaca gccctgtgaa catgccacc 240
actggcccca acagcctgag ttatgctagc tctgccctgt cccctgtct gahcgtcca 300
aagtcacccc gactt 315

<210> 26969
<211> 104
<212> DNA
<213> Homo sapiens

<400> 26969
cactcactaa tgtaataat ctttaaaaaat gtcacaaata taaggattca gtcttttgtt 60
acttgatttt tttttcaagt ttcttcttct ttctttcttt cttt 104

<210> 26970
<211> 160
<212> DNA
<213> Homo sapiens

<400> 26970
aactgtgcat atgaaatggg agaggagatg ccaaaacgcc agatgaaagc aatcaagttt 60
cttcttttcc acttttactt atgagcgga tattgattac aaagtttttc ttctttaacc 120
aaaaaggaaa gacaacggtt tgtgtgcact tcccgacatc 160

<210> 26971
<211> 218
<212> DNA
<213> Homo sapiens

<400> 26971
agggggaaka cagcccatgt gaaggcagag gcagagacta aagtgatgca gctatgagcc 60
taggaacgcc aaggattgcc agcaacttcc agaaaccagg aaaatgcgtg gaaggatcct 120

tcctccagag actttggagg gagagtgacc ctaccaacac attgattttg gattttctggc 180
ctccagaact aagaggagat taggacatac agagacaa 218

<210> 26972
<211> 281
<212> DNA
<213> Homo sapiens

<400> 26972
agtcccagcg cggggagggt actatgcag cttctccgtc aggccttggg ccatggcctc 60
gctacgcaat gccaaaccga ggctgaagaa ctacttcaag gagaactaca ttcctcagg 120
ctgcgagrgc actgttatgt ggtatacttg ttacatgtcc tgaggatccg ctgaggtatt 180
tagagggaat gatcatggtt ataatacaaaa gtggtcttca gaatcttctt tgatgactcc 240
ggaattgatg ataaaagcct gtagctttta tactggacac a 281

<210> 26973
<211> 189
<212> DNA
<213> Homo sapiens

<400> 26973
caatattgtg ttttaagtct cttgaaataa ttgtgtgttt ataacaccaa ctggatacac 60
acttatgttg tttaggtcat taattttatt gattttttaa aaattaaatg tkctgaggtk 120
gkagratcac atgcagttgt gaaataatgt agagtgaacc tagatatctt ttacctgttt 180
tgccccagc 189

<210> 26974
<211> 252
<212> DNA
<213> Homo sapiens

<400> 26974
ctgccgccgg ccagacarga atggactgtg tractgaatg aaatggcggg gccataagcc 60
atccaaggag ccgcctccgt gaagttatag gctcgcgggg tacaaggara aaaaaacaat 120
ccagctccaa cggtagtgat gtgacaggag gttgtcacag cagagcggaa gatctggcag 180
aaagacgctg ggaaagaaga cactagggga aaacatcaga aagttcggat gatgaaaact 240
cacctcacgc ca 252

<210> 26975
<211> 379
<212> DNA
<213> Homo sapiens

<400> 26975
acttgaatca gaacgttggt tcctcattcc tactgcttaa acaccttgac aagtcctagg 60
ggttaacaaa ggtagcatg gctatgggtc atccctgtgc tctagttaga gcgtgawaga 120
cacctgactt tccagttgtc tctctccatg accagcaaca ggaaccactg acgtgaaact 180
ttggacagtg gcctcagact ctggctgcca gcacacaacc tgccatcatc gatgttaaac 240
atgctgacat gtgcagagga gtttctctcc tgaaatgtc tgaaattcac ttctctgcct 300
rrggattctg ttataaacct tctgcctaca ttggcttma ctgtggaagt tgatttcwaa 360
actctgatga gtcacaaac 379

<210> 26976
<211> 192

<212> DNA

<213> Homo sapiens

<400> 26976

agttgtactc taagtttacc cttagaacag tttttctggg ctatgcttct tcaagaaaag	60
aatgaaagag tggtttctag attgaaagag tccactgaga gcaaactaca aggaawaaga	120
maggaragca agattctgtt acctgtatgg tcagaatcag agaactacaa tctactagaat	180
cctcccaccc at	192

<210> 26977

<211> 176

<212> DNA

<213> Homo sapiens

<400> 26977

acagaaaaaa tagccagcaa gtgttcaaac tactgaggaa aaaaaaaaat tagakatgct	60
gcacttaaga atactagggc aggttaaaag agctgtttta gtargtatca gagtgcgtgtg	120
gagactcggg agtggtttaag ctgcttaagt aagtataagt gctgtggaga cccggg	176

<210> 26978

<211> 70

<212> DNA

<213> Homo sapiens

<400> 26978

attcctttta gttattgggt attcgttgta tgggtccagca atttgacccc tgatctctgc	60
ttttttttt	70

<210> 26979

<211> 228

<212> DNA

<213> Homo sapiens

<400> 26979

acttgatga ggmcaacagt tgtgtgaatc taccctgggc cttctgatta ttttttattt	60
ttttatyyyy tatttttttt gagacggagt ctgcgtttgt caccaggctg gagtgcagtg	120
gcatgatctc ggctcactgc aacctccgtc tcccaggttc aagagattct cctgtctcag	180
cttccttagt agctgggact acaggcatgt gccaccatgc cctgctct	228

<210> 26980

<211> 258

<212> DNA

<213> Homo sapiens

<400> 26980

caaggaagag gaccatggcc tggaacatcc tggccctatc cactatagct tgaccgagtg	60
ggctctaagg ctggtttata gggaaggawa gaggaaatgg ggtagtaatt attgtgtcat	120
aggcaaaagc ctacactgg ctgtccctt ccycgtggaa aaaattcttt agcatttctc	180
tgtaaatctt attgtgattt tagagcatgt gtctgaatga ttacatggag taaacgtatt	240
tcactttttt wttttttt	258

<210> 26981

<211> 173

<212> DNA

<213> Homo sapiens

<400> 26981

agatcatgag	caaacagtcc	tgggaactgg	ccctctcggc	acccgcccct	gacccagcgg	60
gcaagagcgt	ascccacgtc	taghgcagcc	tcaccttccc	cttcttcaga	ctgctgaaga	120
gctccttggt	ctgcaaaaac	ttttccatct	cggccttcac	cagcacacca	gcg	173

<210> 26982

<211> 259

<212> DNA

<213> Homo sapiens

<400> 26982

aaccagctct	tgtcaggctc	tccctggagt	actgtgggtt	accactggag	gggtttgagc	60
agagccatgg	catatactga	tctacgtgta	tgtgtttcta	agcaaaactt	cttgaagaa	120
aaggaaattc	ttagaagcaa	ttagagtatc	acacccatgc	tatacccttt	gattcattag	180
cttgctctgt	ttttctgtka	ttttgaaatt	acccaagtgg	aagcagawaa	actgccagga	240
aatgtcaca	gccaccamt					259

<210> 26983

<211> 163

<212> DNA

<213> Homo sapiens

<400> 26983

taaggtgtaa	ggaagggatc	cagttttcagc	tttctacata	gggctagcca	gttttcccag	60
cactatttat	taagtaggga	atccttttccg	catttcttgt	ttttgtcagg	tttgtcaaag	120
atcagatggg	tgtagatgtg	tggtattatt	tctgagggct	caa		163

<210> 26984

<211> 365

<212> DNA

<213> Homo sapiens

<400> 26984

atttaagaat	gaattttcac	ttttaatact	tgagaagtca	agtcaatttt	tgcagttgct	60
gatttgtctg	tgatgaccat	ggcttgatga	ggccatgcct	cctgggaaaa	aatatacaat	120
tatttcagtt	taactttarg	raacaaagrt	tgcmacctcc	tctctccaaa	gaaaacaata	180
gaacctttag	agacgtaatt	gccctgacta	ggctaaaaat	accttttcct	gaaagatgat	240
gtggctaate	tttttttttt	ctgtgtttat	tccaaataat	tatttacaga	rctgttggtt	300
gagttctggt	tgttctctgt	agtaaggtgt	atgccacccc	atattaattt	ctccaaacac	360
tcagt						365

<210> 26985

<211> 86

<212> DNA

<213> Homo sapiens

<400> 26985

ataccgtcca	ctagagagca	aagcgtctct	ggagtctgca	gcagcaggtc	tgacgaacga	60
acaagggaag	gagagagcct	gcacgc				86

<210> 26986

<211> 187

<212> DNA

<213> Homo sapiens

<400> 26986

aasggaataa	acgcacaatg	gcaacctgct	tggggcctct	tgcacacggt	ggaagctttg	60
tttttttagct	ctttgtagta	aatcttgctg	ctgctcggtg	tttgggtcca	cagtgtcttt	120
atgagctgta	acactcactg	cgaaggtctg	cagcttcact	cctgaggcca	gcaagaccac	180
gaacccc						187

<210> 26987

<211> 426

<212> DNA

<213> Homo sapiens

<400> 26987

gtgtgcctga	ggagaaaggg	gtgctggttc	ttccttatat	cccctgcctg	cctcagctgg	60
gctctgaccc	agccagcaga	ctggagtcct	cttctgcatg	gtaaggaaac	tgaggcttag	120
argagttatg	aaattgccc	gggtttcaca	gctgaaatgt	ataakgacct	ggacttgcaa	180
atttggcaca	aagttcttct	aataagaggc	cataaaataa	ccaaatgatt	dtttatgtgc	240
ctatagaacc	araagaacta	ktwcagaatg	tcagawgaaa	agcacgatat	tccagatagc	300
ttagaaacct	tggcatagtg	ccttcctgga	aatcctggat	tgcatctaaa	accatgtggc	360
agagggagaa	acaacaggca	ggacatcctg	agaagactca	ggctgggacg	aaagctctgc	420
tctcca						426

<210> 26988

<211> 123

<212> DNA

<213> Homo sapiens

<400> 26988

gaaccatctg	caccacaaaa	aggttaatct	gataaattca	ccatcaattt	ggtaagcttt	60
aatataacta	ccctgttttt	tgaatacaga	taatgcaaaa	gaaaaccatt	ttatactcgg	120
cca						123

<210> 26989

<211> 296

<212> DNA

<213> Homo sapiens

<400> 26989

aagtgtagaa	cacggacctc	tgagttatgc	tcttgagagg	tgccaaagct	gggctgttta	60
cctaccttat	ccacagagct	ctgaaagtca	agccagaaaag	gaaggattcc	aaattcttgg	120
aattttatct	agaaaagaag	actaagcagc	ttttgttctt	ctgtgaccca	gttgctggcc	180
caagacatgg	acaatgaccc	cctgggtgtt	ggcgtgtctg	gggaggaggc	ctctcgcttc	240
tttgcagtgg	agcctgacac	tggcgtggtg	tggctccggc	agccactgga	cagaga	296

<210> 26990

<211> 104

<212> DNA

<213> Homo sapiens

<400> 26990

cttgagaaat	tgggggtggg	agtcctacac	agaggctgcc	cctaccctca	cctgagttgt	60
acattttttt	gtgatgggtt	ttatttttta	ttattttatt	ttat		104

<210> 26991
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26991
 aaaataatgt tgtaatgccg ggcacggtgg ctcacacctg taatctcagc actttgggag 60
 gccaaaggagg gcagatcacc tgagggtcagg ggttcgggag cagcctggcc cacatgatga 120
 aacccagg 128

<210> 26992
 <211> 418
 <212> DNA
 <213> Homo sapiens

<400> 26992
 ggnrgetcag gactgcgaga ctggacacgt cgggggcccc gatgtttcta gggagaggag 60
 cctcccagct caggctaggg aagggacacc ggagcccagc tcttcctgag ctgacgaggc 120
 gccaccggc ctttattcat tattcataat aaggtggggc tgtggtaggc ggcagttttt 180
 ttgcctcttt cgcaoctggt ccgctgaagg ttctcggctt gtgaattatt cacgaggggc 240
 ggatcagcgt gccgaaggac gtgctgaagg ggcgttctga agtctgccgc gcaaacgagt 300
 tcattgatga ttgcgaaaag atgtccagct cgccgctgtc caagaaacgt cgcgtgtccg 360
 ggctgatcc aaagccgggt tctaactgct cccctgccca gtccgtgttg tccgaagt 418

<210> 26993
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 26993
 ggaaagagag agaagaccaa ccaaggggtg gctggagtcc caaggccatg aactttcagg 60
 aaaatgtgac cctggccatg gccttgttca ccctcctgac ctccatctat ttcttcaaca 120
 aggtcag 128

<210> 26994
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 26994
 gcatgatctg aggactcctg cacargtgac tgcaggatga gtacagaatt tttctataaa 60
 tatactaaaa taccaagtaa gccaggagca gccactaggc aaacaccaaa ccttgcatte 120
 ctggccaaac ctatcacaga gctcatcaga tgcagtggat ccccagggtg caagtcatat 180
 aacctgagca tgcccagatg aaccaagtat gcctgattgg tgaacctgga actggccaga 240
 acagaaaatg tcaaccacat gtggaatcta agtattcaga ttgagaaatg aggagcc 297

<210> 26995
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 26995
 ctaccctaaa taccacaag gcttgcttct ccaccttttt caagtctttg tcgcagtctc 60

accctcattg agattccctg atcactgcct ccatcttggg cctcttgccc tgctgtattt 120
ttatgaaagc ctaagtacat atcttacttg attattttat tttctatccc acac 174

<210> 26996
<211> 201
<212> DNA
<213> Homo sapiens

<400> 26996
aatccggggcg gtgagaccac gcacggggcg ggagccaggc ctgcaactta aagatgctcc 60
cggggaggcg accagagatg tcccttcctg acccgcttc cctactccag gtagcaaagg 120
acgtgacact tcatcaggcc ttgctgaggc tgccccagta ccagactgat ctcttgctta 180
ccttcaatca gccccccaa c 201

<210> 26997
<211> 308
<212> DNA
<213> Homo sapiens

<400> 26997
agccggggcg gcgcccacc ttttgcgacg cgcascata tggtgggctc cctgctggcc 60
acctatggct ggtacatcgt cttcagctgc atccttctct acgtggctct tcagaagctt 120
ccgcccggbd aagagccttg aggcagaggc agctggaccg agctgcggct gctgtggaac 180
ctgatgttgt tgttaaagca caagaagctt tagcagctgc tcgactgaaa atgcaagaag 240
aactaaatgc gcaagttgaa aagcataagg aaaaactgaa acaacttgaa gaagaaaaaa 300
ggagacag 308

<210> 26998
<211> 114
<212> DNA
<213> Homo sapiens

<400> 26998
ttagtagaaa cgaggtttca ctgtgttggg caagctgggc tcgaactcct gacccaggt 60
gatctacctg cctcagcctc ccaaaatggt gggattacag acatgcgcca ccac 114

<210> 26999
<211> 187
<212> DNA
<213> Homo sapiens

<400> 26999
atacaccatg gaacactaca catccataaa aatgaaatca tgtcctctgc ggtaaaatgg 60
atgcaactgg aagccattat cctaagtga ttaacacaga agaaaactaa atacagcatg 120
ttctcactt ataagtggga gctaaatatt aggtactaat ggacataaag atgggaacag 180
tagacac 187

<210> 27000
<211> 408
<212> DNA
<213> Homo sapiens

<400> 27000
gcactgggtca tgccagcctc tacagatcac atctctgtct ataattgggt ctccatggta 60

```

atgagaagca gaaagtgctg aagtagcgca ctatgtaagg actggcaaga gaaaatactg 120
tcgcggcctc tacaggcata gcattgaatc cccatggtgc ccaagaagcc cgagagaagc 180
acgctgtggt gtagagcagg agactgagga cacggacttg gcagatttat tagcagcaat 240
attctaagat gaaccaaatt taagagtttg taagtgtctt tttcaattgg aaaagacctt 300
tgaaattttt ttttcttttc ttttaggagg ccagatgctc cagtgcctga tggcgaaagt 360
gagaaaactg tagaagaaag ttcagatagc gaatcttctt ttagtgat 408

```

```

<210> 27001
<211> 80
<212> DNA
<213> Homo sapiens

```

```

<400> 27001
aatataaatg tactgggtcaa tgatacatat ttttttcaaa atgaatagcg aatacattta 60
tgtgaccacc actcagatta 80

```

```

<210> 27002
<211> 209
<212> DNA
<213> Homo sapiens

```

```

<400> 27002
agtcttttagt ctgaacgatg accaatccac cacacgcacc tacagtctag agacatgacc 60
taacaccctg atgaccactc tcagggacct tgagtgactg gccggtgcac catbsaactt 120
aaagtatggg tggatggagt tcagaggatt gtttgtggag tcaactgaagt cacaacttgc 180
caggagggtt tcatagcctt agctcaagc 209

```

```

<210> 27003
<211> 197
<212> DNA
<213> Homo sapiens

```

```

<400> 27003
aacttttgggg caggggcaag aggatggtta gctgcagcaa agagagagcc aaagagaagt 60
gggattgaga gcacagggga cagctggaga caaaatataa acgccgggca kgggaacagc 120
caagaatarg tgcaggargg atggggaatc acagaaactt ctcaggaacc cagtgaaatg 180
agctgcacca ggaacta 197

```

```

<210> 27004
<211> 242
<212> DNA
<213> Homo sapiens

```

```

<400> 27004
ccttttcccc tccggcctct gccggtgctg ctgcgccctg cggagctccg aacacgtgcg 60
cagaggctgg ctgtggcaga tgcaactgca ggatgacttg aaagtagggc atccttcacc 120
catctgaagg gaggaatat tggcaggatg cagtctacat gtgcagtttt cagatgcctt 180
cacctgaatg acatctacct ccatcaggac ccagatgctc tgacagccct gtgtgacacc 240
ct 242

```

```

<210> 27005
<211> 285
<212> DNA
<213> Homo sapiens

```

000000000000

<400> 27006						
agactaggcg	casacacacg	ggagctactg	ggtctgtgga	actacttggg	ggtcattttcc	60
cagtccctga	atatgtaatt	agaattattc	tacttagtgg	taggtgcaac	ctctactttg	120
tatccttggc	ctgtgaggta	agaaatacca	taatggagag	agccgagggg	aagccactga	180
aatatctctt	tttattgtcc	aaaaaagtta	atcaaaacaa	tatctcataa	tcgggggtgt	240
gtaagggaga	cagaaaaatg	tgccacctca	aagggagtaa	aggttgccag	ggtaaatata	300
ctcctttaat	tcagtcaagt	gttddtgtat	aagcgcctag	ctgtccttgt	gctactcatg	360
tagtaagctg	catttttgaa	aaattttttc	tgatagtttt	tgtcatcaga	caaatggtgc	420
at						422

```
<400> 27007
ccaactttca gaccatagcc cagggcatat ctcatgtga ttgtttcaa atttttaaat    60
gtagggtgtg ttttttttt ttt                                           83
```

```
<400> 27008
tttttttgag atgaagtttt gctcttatta cctaggctgg agtgcaatgg cgcaatcttg      60
gctcactgca acctccgcct ccaggttca agcgattctc ctgcctcacc atcccaagta      120
gttgggatta caggcgtgca ccaccatgac cagctta                                157
```

```
<400> 27009
actttctgag ttggagaatt tgtcctctgc cttgactcaa atatgttagt acaaagaaaa      60
caagaggata cttatagaag ggactttttc tcaattgctt aatgagtttt cacaatggaa     120
aagaaaatat ttttgtttgt ttgtttgttt gtttttcact ggttttcttt tggtttattt     180
tgttcaagat gggtcctg
```

8126

<211> 212
<212> DNA
<213> Homo sapiens

<400> 27010
aaagtagtag actacacaac agcgaaggta tgttttaaagt ttaattttca tactgaattt 60
gaagggtgtg aattatgtat gggttctgca gtaacagtaa ggccacagcc ttttaaaaat 120
atgtgcacta gaatactgtg acagtgacaa tttgtgtagc atctgtttgg atccaatgaa 180
cttagttcct cacgcttcat tatggatgat ag 212

<210> 27011
<211> 81
<212> DNA
<213> Homo sapiens

<400> 27011
attcctggat attttgtatt gttatTTTTg tgagctaaat ctttttgtct cttttttttt 60
ctttcttttt tttttttttt t 81

<210> 27012
<211> 450
<212> DNA
<213> Homo sapiens

<400> 27012
attctggccc agcttcttcc ccagctctat cctgcttccc tccatctcct ataggattct 60
ccttagagtt ctccctccat tagtagttgt cttagggtct gtttctgggg agccctgcct 120
aagactcatg ctacaagaag ttaaataagt ttcccgaagt cacacagcta gcctctcatc 180
ccttttctac tgagaggaag tggaatgcac tccgacaagg ataaggtttt attgtgagct 240
ggccttggaa ttaaaccacc accaacacac ttttgatta tcagnnggtg gaaggagtgc 300
aaatgccagt tacggtgatg cgttcaacat ccttatttcc agttcagaat ttccctggag 360
ctccaaattt ttatgtttaa tttcttactg ggcaattcca gttgtgtata tcaaaggccc 420
atcagattaa aactcattat cttcccatca 450

<210> 27013
<211> 358
<212> DNA
<213> Homo sapiens

<400> 27013
gagattctcg ccctgagcaa cgagcgacgg cctgacgtcg gcggagggaa gccggcccag 60
gctcgggtgag gaggcaaggt tctgagggga caggctgacc tggaggacca gaggcccccg 120
gaggagcact gaaggagaag atctgccagt ggtctccat tgcccagctc ctgccacac 180
tcccgcctgt tgccctgacc agagtcacat tgccctctga gcagaggagt cagcactgca 240
agcctgaaga aggccttgag gcccgaggag aggcctggg cctggtgggt gcgcaggctc 300
ctgctactga ggagcaggag gctgcctcct cctcttctac tctagttgaa gtcacccc 358

<210> 27014
<211> 179
<212> DNA
<213> Homo sapiens

<400> 27014
tataaataat ttttttccct tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60

ccatgggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
gctgggacta caggcatgtg ccacccatgcc cagctaattt tttttttttt tttttttttt 179

<210> 27015
<211> 313
<212> DNA
<213> Homo sapiens

<400> 27015
acacacatcc atgagggaag aatcwtttccc atttaacaga caatgtaact gggcctgaat 60
atagctcagc gacttgcccc aggcccacca ggaagtggat aaagccatgc tcaaccacgc 120
acttcttctc tctaccttcc accgatcctg cctgctcctc ttccctcctt ggtgaagaac 180
tcaaccatct catgctccta ctacccatggg tgacgaggaa gctgagccac cagacagagc 240
agtgggtgacc tacagagccg tgctttcatg accatatggc ctctcagccg cgggacttgc 300
cacactgtcc ctg 313

<210> 27016
<211> 189
<212> DNA
<213> Homo sapiens

<400> 27016
cagcctcaca agtagctggg attacaggtg cgtgccacta ccgcctggct aatttttgta 60
tttttagtac agatgggggtt tcaccttggt ggccaggctg gtcttataac tcgtgacatc 120
aaatgatcca tccgcctcag cctcccaaag cgttggaatt acaggcgtga gcsrccgctc 180
ctggcccat 189

<210> 27017
<211> 209
<212> DNA
<213> Homo sapiens

<400> 27017
acagggagat tgggtacattg agtccagttg ttgtgttgaa acttctgttt aaaaacctcc 60
ctactaagtc ccagctactc aggaggctga ggcctgagaa tcgcttgaaac acctggaggc 120
ggaggttgca gtgaatcgag atcgagccac tgcactccag cctgggagac agagtgaagc 180
tgtctaacaa caaaaacaac acccccat 209

<210> 27018
<211> 198
<212> DNA
<213> Homo sapiens

<400> 27018
taatgatgat aatattattt taggttaaaa acacgtataa tcacatagtc accatgagct 60
ttaaatttgt aatccttaga attcctaaga atttagtact ttgataagdw rgtttttgag 120
atggttttca gtaaataaac tgaagatggg gattcaaatt cctaggtagc tgacgttaca 180
gaccctgtcc tgcagtcc 198

<210> 27019
<211> 356
<212> DNA
<213> Homo sapiens

<400> 27019
aaataaacgt cagcttcctt tgtggcttac cctcccgcct cctttcacat tttattgtgt 60
attctagaat gcagaagggg aatgcagaag ggtaactact agaccttttc gctgctggga 120
aatctagtta gccttgcctt tttagggtat aacttaagga ttatttttaa atgctttaac 180
ttttcttaaa tgtttcaatt acatttggaa tagaaacata ttttaaagat cattttttat 240
acttttaaac tatagcattt tagaatggaa aacaaatatt tgggtttttt cctaagtcac 300
ctgataatta tggtaaaaat gtttaccttc atagtatata aatgaataca cacgcg 356

<210> 27020
<211> 217
<212> DNA
<213> Homo sapiens

<400> 27020
actagagagg tacaactgtg tttgaggggt tgaaggcgtg cgcgcggtgt tgtgtgtatg 60
tgtgtgtgtg tgtccttctg aaaacataga gctattgagt acaaaaatat ggccatttcc 120
tctaaattkt ctttcccctg twtttttttw aaggctctraa tttcctgctg ctgttcacaa 180
agatgctttt tatctttaac tttttgtttt cccacc 217

<210> 27021
<211> 156
<212> DNA
<213> Homo sapiens

<400> 27021
agaaaattgt caagtggcat attcaccctc ctatcctttt ctctgatgga cagggatggg 60
ctaccatcca gtttaggcag taagttctac tggggatagt taggagtccg tcgggtttct 120
gaaatggctt agaatagtaa cccctctgcc cccacc 156

<210> 27022
<211> 443
<212> DNA
<213> Homo sapiens

<400> 27022
catgtatgaa ctgaatttaa aaaaccacta aagtgatact ttatacttct gttttactcc 60
ctagtgggtt ttctttaatt tggatttttg ttgggatgta gcttttccta gactgtatgt 120
ctgtagctct ttttctctgg tgtattcatg gaaagcatct actgccgcac gacactagta 180
ctgtgccttc tttcactgcc ttctgctctg cagctctcac ccagcttggc tgcttcaagt 240
ctgtgcagtt gacttggctg tactgaaaag tgaacagcat ggattaaact atcctgctgc 300
tgagggcagt gcaaacaggt gcttattaga ggtagtact tgcttaatta gtgacactct 360
taatttctac tatggataat ttcaaagtag aatcactcta tgcttagagt tttggcacca 420
atgctgtagg gcagcagaat cta 443

<210> 27023
<211> 299
<212> DNA
<213> Homo sapiens

<400> 27023
tatgagggag gttaatccag gaaaacaaaa agtagtacia gaaaagaaat gttaagcaca 60
gtataccaca tgagcaaacc tatgtagata atctaatagt tccgtcagtt gcagaccctt 120
ccatgtgttt caatttggac tagttcctat ttttagatcc catgtattcc ttgcgtgttt 180
gttttagtggt aacacattct ataacatcct ctgaggatgt ttcatggga attaatgttc 240

ttttaaatgc aagccagtat ttctatttag tagggtttcc catttggtga tgagcagct 299

<210> 27024

<211> 394

<212> DNA

<213> Homo sapiens

<400> 27024

caaagctagt	ttctgcttct	gagacatttt	agtgtctgcc	aggaactcag	aatttagaag	60
agaaaaaaga	agaggaaaag	aaaaaatcga	caatggagca	gtctgcgcgg	gcggtgggga	120
gaaagatgag	agtctttgag	gaattgggat	ttttctgtgg	actttggagc	tccttggggc	180
ccaccacaaa	gaccaacatg	tggccggcgg	cacagggaat	aacacccctg	ggaggccctt	240
agaacacagc	tcaggttacc	cacatttgag	gagagacaat	gggagggacg	gcctgcgac	300
ccttgggcca	gctgagggac	agggctggaa	ctgtggttcc	arnccctggc	tgcataatgc	360
aatcgtcagg	acatttcaaa	aaaatgcaga	tgct			394

<210> 27025

<211> 170

<212> DNA

<213> Homo sapiens

<400> 27025

agtagctggg	actacaggcg	cccgccacct	cgcccggcta	atTTTTtTgta	TTTTtagtag	60
agacgggggt	tcaccgtgtt	agccaggatg	gtctcgatct	cctgacctcg	tgatccgccc	120
gcctcggcct	cccaaagtgc	tgggattaca	ggcgtgagct	ascgcgccas		170

<210> 27026

<211> 245

<212> DNA

<213> Homo sapiens

<400> 27026

atagtttttag	gaggagtga	ggtggccaaa	aaaaattttt	tggagttata	cattgaaatg	60
tttgtaaaag	aaatgactga	cgtctgarat	ttgcttcaga	gtaatctggg	atgagggaag	120
gggaggaggg	cgtggatgga	ataaggtttg	ctgagacttg	actgctgaag	ccaggcttat	180
tgtaccacac	gctccgttcc	tatgtgtgct	tgaagctttt	cacaataaaa	agaaaaaaga	240
ggcaa						245

<210> 27027

<211> 120

<212> DNA

<213> Homo sapiens

<400> 27027

agtctcgca	gcscggagcg	tggcacgtgg	gttggttaact	gtggcgctgc	tcctccacc	60
acagaccct	gtctctctca	ggccccctcc	gcctccacc	ctgccctcct	caggccccag	120

<210> 27028

<211> 354

<212> DNA

<213> Homo sapiens

<400> 27028

gacagagtct	csctctgttg	cccaggctgg	agtgcagtga	tgcaatctca	gctcactaca	60
------------	------------	------------	------------	------------	------------	----

acctccacct	cccggtttca	agccattctc	ctgcttcage	ctcctgagta	gctgggatta	120
caggtgcgca	ccacaccag	ctaataat	gtatatttag	tagagacggg	tttttcacca	180
tggttggtcag	gctggtctca	gactcctgac	ctcatgattt	gcctgccttg	ggcagattat	240
aggcgtgagc	cactgtgcct	ggcctgtata	ctatagttct	ttgaatgact	cctttcaata	300
gttgtgcttt	gccattggct	ctgattcagt	tttcttttct	ttctctkttc	cttt	354

<210> 27029
 <211> 299
 <212> DNA
 <213> Homo sapiens

<400> 27029						
caatataaca	astggataaa	acagcctctc	ctctcaagaa	gcttataaac	cagtagagga	60
aaaatagcag	cttcactata	tgtggaaata	gcggcttcac	tcttagagtc	aattgtcata	120
attccctaaa	ctagaaaaga	agaaggcaat	gattcttaca	ggggtaatat	gtaaaggctt	180
tatcaggaaa	gatttttgc	aggccccgaa	gatcgacact	gtttcagtaa	gtgaagatag	240
agsmgagagc	actccaggga	aagggtgttc	caggagcaaa	gcacctgtcc	gtgaccgtc	299

<210> 27030
 <211> 161
 <212> DNA
 <213> Homo sapiens

<400> 27030						
tataaataat	tttttttct	tttttgtgat	ggaatctcac	tctgttgcca	ggctggagcg	60
ccatggtgca	acctcagcct	cctgggttca	agttattctc	ctgcctcagc	ctcccaaata	120
gctgggacta	caggcatgtg	ccaccatgcc	cagctaattt	t		161

<210> 27031
 <211> 444
 <212> DNA
 <213> Homo sapiens

<400> 27031						
ttattgttgg	gmcaggtgcc	atttaaattg	cctccatgct	ccccatttgc	acctagctgg	60
atcaagttgg	gaggctgagc	aaactcatat	tccagttagt	tggagttttt	aaaggctctg	120
tttgcttga	gaagcaagga	ggttagaatg	taattttttt	aagcgtttgc	actatttaga	180
gtcctaagcc	cctcatgttc	agctgtgctg	tgtttctact	gaccaagcag	gagagccagc	240
agcacttcca	gcatttgga	atggaagaga	tttcttctgt	agtggataat	tacagcctca	300
tagccccctg	gcagccttcg	tcatgggact	cagtgactca	tggatatagc	atcagccatg	360
gcaggaatgc	acaggactgt	ggcattkbg	gcacaaatc	rccctagtgc	catgtttggt	420
tatgmgattg	taaattattc	gctc				444

<210> 27032
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 27032						
tctagtgtgt	gyttttvctg	tgctttatta	cagtactcac	ttttcagtta	tcaagccagt	60
sagcagatas	sagatcctgc	cattaattaa	ttaaagtatac	caaaaaatta	gttgctataa	120
agacacaata	attggccagg	tgctgtggct	cacacctgta	atcccagcac	tttgtgaggc	180
tgaggcagat	ggatcatttg	aggtcagsmg	tttgagacta	tcccggccaa	catggtgaaa	240
cactgtctct	actaaaaata	cawaaattag	ctgtacatgg	tggcgagcgc	ctgtagtccc	300

agctacttgg gaggctgagg cacaagaatt gcttgaaccc agaaggcggm gtttgactg 360
agcagmgatc asaccactgc tctccaacct ggatgacaga gcgaga 406

<210> 27033
<211> 324
<212> DNA
<213> Homo sapiens

<400> 27033
atTTTTtCct gatgtagaca aaattccatc aactgagttt tgcttctggg cccagacttc 60
agacttcctg ctgagagaaa taccaggggc tctgattctt cctcaaactc accaccacta 120
aactgaaatg cttgcttgag gcttcacaat tgttatttcc tgcctcaggt taaaatgtgt 180
gaatTTTTtC atttttaaaa ggacacattc agaacataga gtgtgtagat aacctgcact 240
gcaagagaat aatcttttga tacttttctg gtagatctta taaattctga tccaaaaatt 300
tgatgtagca aagatatgag gcac 324

<210> 27034
<211> 253
<212> DNA
<213> Homo sapiens

<400> 27034
cttttagata aatcaaatga sccatcagtg aggcagcagt yasttcaagg atatgatatg 60
ttaatgaatc caaagaagat gggasasmga ttttaactttt ttgccttgct acctcatcag 120
akacttcaag gtggaagata tcagaggaat gcacgtcagt caaaaccctt tgcattcggt 180
gtagctgggt ttagtgaaact tgcttggcar tgatrtttca gcttggacat tttacccttc 240
agtcggcccc aaa 253

<210> 27035
<211> 458
<212> DNA
<213> Homo sapiens

<400> 27035
hgatgtctca gaaaaagtgt ttcttttagcc ctctccctga cttgcatcct catgagactc 60
ttaaaccccc tcttgacctt cagagatggt tatcatcaga gatgggttat ggaagtgatc 120
ctatagaacc tgagagattg cttaactcaa actctgcttc tacattagag tgtcttctga 180
aaaatgacct caacaaaatt tgctatctac ctatttacta acataaatga ggaaacaaaa 240
aagggtcaacg gtgaggcagg aagggtttcag ttcagtggas maaagaaaat cttgatgaaa 300
tgtcattaac ttccatattt ggaataagct ataaaagctt gtcgaaggtc taatttatgt 360
gcaagactga bagctgttta aacggatawt gcctccttca tgagnaygcc acccctttat 420
gctscattaa gttcagacgt tgactctata agctacgt 458

<210> 27036
<211> 279
<212> DNA
<213> Homo sapiens

<400> 27036
aaattcttcc asaatgctaa tgtaaactta atcagccttt agaattttaa ggcttaaaaa 60
agactaaaga aaagtaacaa ccaaagtcaa tatgtagaac ttatatggag cctgattcga 120
acatcaagta taaagagata tttttgagaa aattgagaaa ttttaaaaca tgamatbagt 180
attatatgat attgamgact gctgcttttt camgacatgt cctcaaattt attttacatt 240
ccttccatac taactcttct ccttgcattg mgacagaca 279

<210> 27037

<211> 189

<212> DNA

<213> Homo sapiens

<400> 27037

cagcctcaca	astagctggg	attacaggtg	cgtgccacta	ccgcctggct	aatTTTTgta	60
tttttagtac	agatgggggt	tcaccttggt	ggccaggctg	gtcttataac	tcgtgacatc	120
aaatgatcca	tccgcctcag	cctcccaaag	cgttggaatt	acasgcgtga	gcbaccgctc	180
ctggcccat						189

<210> 27038

<211> 222

<212> DNA

<213> Homo sapiens

<400> 27038

gatyttataa	tcttgctaca	aagaaagtag	gacagttctca	gcctttaaga	atgtcactat	60
aacagttttt	tttttcttta	aggatatttt	aaacaggaaa	gtagacaacc	gggtaagcat	120
ggagtttgct	catgctgccg	aatgtgtgtc	ttttgcccta	aatgaaacgc	acgttcttct	180
aaatttagcc	ctatcacatt	ttaacaattg	tggcctcgca	gt		222

<210> 27039

<211> 233

<212> DNA

<213> Homo sapiens

<400> 27039

taastaattt	gactgttttt	gaagtatgga	attggttctt	gtattctcat	gaaatatgga	60
aaaagatggt	tcaacttctg	acaaacatga	tggaaagctg	ctagaagttt	tcatgcaatt	120
ccttttagcca	taaattttga	atcagtgtag	ggccttgaaa	gccactgcaa	aattttaaat	180
aaagtcacca	gaggaattat	ccagtagata	ctgattcctc	tttttttttt	ttt	233

<210> 27040

<211> 141

<212> DNA

<213> Homo sapiens

<400> 27040

aactttctat	aaatgccaca	caacatgttc	tgtgcagccn	cgtctccac	cgttgtgtca	60
gcggrtaagt	tgccgtgttc	cgagacacca	rcctcacatg	gccgcacgga	aagggagcac	120
ccatttgccg	cttgtgcctg	c				141

<210> 27041

<211> 215

<212> DNA

<213> Homo sapiens

<400> 27041

agcctgagtg	ctggctgaac	tgagaggaac	agggttggtg	cctggcactg	gtgttgctcc	60
attcatctct	gaggtctcac	agccccagca	tgagtcacac	agcaaagaag	aggcccaaga	120
acagcagggt	ttccaagatg	caagatgaga	aactgcggga	cgagacagag	cagcctgtga	180
gcaaagtaat	tgagcggaac	cgtctgagaa	cggcg			215

<210> 27042
<211> 182
<212> DNA
<213> Homo sapiens

<400> 27042
taagaaacaa aagcaaggta gaggactagg aagtgtttga gagtttgca ttttagacag 60
ggcagtttaag agaagacctc cctgaggagg tgcattgttag gtaactatct gaaggaaatg 120
aattagtga ccatgcagat atctagagaa aagcatcttg gatagagata atagcaggta 180
ca 182

<210> 27043
<211> 305
<212> DNA
<213> Homo sapiens

<400> 27043
actctttctt tacgtagggt ataaagattt tacaaaataa tgaataaact gtactcatca 60
ttttgaagga aaaatctggt ctattcatga atattttaag atttaaaaat ttttactctt 120
tttaaacctt tctgaaaata ccaatttctg ttcagtagaa ataaaaattc tccagcctgg 180
ccaatatggt gaaaccctgt ctctactaaa aatacaaaaa aaaaattagt tgggcgtggt 240
ggcgacgctc tgtggtccca cctgcttggg aagctgaggc aggagaattg cttggaccgc 300
ggcat 305

<210> 27044
<211> 360
<212> DNA
<213> Homo sapiens

<400> 27044
cttaattctc ttttgctgtr caatgtaaca ttcacaaatt caagggatta aaatgtggac 60
atcttgagg accattgttc catgtaccat agctaagtaa atgctagttt attacttttt 120
atttgaatatt ttctttttct agacctccat gatacaatac tgttctctct ttctatcaca 180
gctacatact acttcattca ccccatcaat aaagggttga agtctcatta ggctcagtcc 240
tatatcttct cttttttttt gctctgtatt ttcttcctag gtaatcacat tcttatccat 300
tgctcaaaact actctgtggt catagatgac tcacagattt atgtcatatc tccaaaccag 360

<210> 27045
<211> 208
<212> DNA
<213> Homo sapiens

<400> 27045
tccaaatata cacagtaaat gaatctaggc aaagtggcaa ccaagatcag gccaaagacat 60
taaaaaataa atgagattga tgctttggcc ctcccagtta caaatcacag ttttaagacag 120
attcagcaaa ggtgatagaa gttacttacc ctagtctctc tccatttaa aaaaaatcac 180
taatgtgttt ataatatgca ccaccagg 208

<210> 27046
<211> 315
<212> DNA
<213> Homo sapiens

<400> 27046
 tatgcatga ttgttgtaaa tgcaatgccg tagtttgat taataagtgg atgggtttttg 60
 tttctwaaa gaaaaaaaaa tcagtgttca cccttataga gacatagtca agttcatgtt 120
 gataataatc aaaggaatta ctctcttctt gttaaattag ctaaatcatg taaccgcaga 180
 taggaagggc tcgcctgggg aaactctggg ttccgatggg acaggaaaagt catacgggca 240
 acagtatgcg gaaagtacgt tttttaagta aaaaacaaag gcaaactttg tactctccag 300
 ttatctaagg aactc 315

<210> 27047
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 27047
 caacgggggg gatgaactgt tgggtgggat aatgggagtd cccagtgttg gggctcatag 60
 taggttgaat gccatctaca atgaaaaaac attcaccaag gcctccagta catcaciaac 120
 cttttttttt tttttt 136

<210> 27048
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 27048
 taaatcatgc tgctataaag acacatgcac acgtatgttt atttcggcac tattcacaat 60
 agcaaagact tggaaccaac ccaaagtgtc aacaatgata gactggatta agaaaatgtg 120
 gc 122

<210> 27049
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 27049
 tcttctgatg gcagggcgcc cctgtccccc agcttgtggt tctgtgggtc tctcctggtc 60
 tcggcctcag ctgctgccct gagtctctgt ccctgccctt tctaggtctc cgtctccctt 120
 tctctgggtc tctgtwgccc tctctctgag cctt 154

<210> 27050
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 27050
 agagggactc ctgagctgcc cacatggcct aagatgtggg tcctggatcc tcccccttc 60
 tcaccataac cccctctcag tgtttcccca acttctccct tttagcaggg tccctttaga 120
 gcccaactcc aggtcaaactc tggagctbaa atcccagtgc tccctcccca ggagtggggc 180
 cccaactctt ccaagatacc agcatctctc aagtcctccc aaaacttctt acccacaccc 240
 tgt 243

<210> 27051
 <211> 333
 <212> DNA
 <213> Homo sapiens

<400> 27051

aaatgtgggg	gaggaytaca	aagtcawagt	catctgtatt	aataatcctk	tagccagcag	60
gtctcawaga	aatatctctg	gawwggatag	ggaagctgat	gtcagggcgg	ggcagtcctc	120
agagcagtga	gtctaagtgg	atattgcttg	gctgaggcta	taggttaagg	ggcagcctta	180
tcacctggga	acatctgcag	atgaactaaa	gccaggagga	tgcttaaacc	caggggctag	240
gagcagagaa	gagatgagga	aacaggagag	gaggcaaagg	gaatttttca	gttaaatacag	300
tcagggaatc	atagtgggtgc	tgattttttt	ttt			333

<210> 27052

<211> 220

<212> DNA

<213> Homo sapiens

<400> 27052

aagaaggaat	gattcatata	tttttgtgca	tacacatttt	aaatcctgat	tcccatgatac	60
aggtgggaag	gtaccatttt	caattcctac	tggaagggag	gggttcttaa	tatggtcaga	120
atcctttgtt	gaaatgacct	tggttacctt	gggtatcttc	tatggtagga	gtacaaagta	180
gtatacatgg	gattaaattt	taaaacaatt	aggccccc			220

<210> 27053

<211> 406

<212> DNA

<213> Homo sapiens

<400> 27053

cattgaagtc	tctttggaac	cataaataat	atagctgact	gggtgggtatt	attttaactg	60
ggctctcata	agcttcacta	ggaaatgcca	caaagatttt	aactttttca	cacaacctgt	120
cctgtaagtt	ctcagccatg	tcgtcatctt	gttgagcaac	cagcgtttct	gtttagtctt	180
ccatttgcaa	atacttgttt	ttgttcaagg	tatgaatttc	tctatcctca	gtagattctc	240
ttttgtaaac	tcaccattaa	taaaagggtt	caatgcatga	gcaatatttt	ctccttctcc	300
ataacttcat	ttcacagttg	tgtcatttgt	tttatttgct	ttgaaaaata	aaacatgtta	360
aaacatcagt	actttctttt	agatcgttaa	gtttcctacc	agccgt		406

<210> 27054

<211> 171

<212> DNA

<213> Homo sapiens

<400> 27054

aggagccgcc	ggcaakgggg	caacgaggaa	gctcttaaga	gcgcggccgg	aaagcagttg	60
agttacagac	atcctgcca	aatgatttct	tcaaagccca	gacttgtcgt	accctatggc	120
ctcaagactc	tgctcgagg	aattagcaga	gctgttctca	aaaccaaccg	g	171

<210> 27055

<211> 149

<212> DNA

<213> Homo sapiens

<400> 27055

atagaaagtt	gggagawagg	tctactccag	gatcaaggaa	ctggaccaac	aggacccaag	60
ggagagtatc	aaaggcaaaa	caaakgaaaa	tgaggacaac	ccaataactca	gaaaaaaaaa	120
cgagtaattc	atggattcac	aacggcgcg				149

<210> 27056

<211> 216

<212> DNA

<213> Homo sapiens

<400> 27056

gaagttgagt	ggatcaagaa	ggctggacct	gcttggcgaa	gaccgcatg	tctcgttga	60
aggagtcgga	ggagcagacg	tctccgccag	ccactccagg	ttcccgggga	gtgcaggtcg	120
ccagctcgca	cttctcaaag	accagagcta	acagaggaaa	caacgggtgc	ctaacgggca	180
gcgccacgca	gagacacaca	cacagagacg	gggtcg			216

<210> 27057

<211> 117

<212> DNA

<213> Homo sapiens

<400> 27057

atTTTTTTTg	tggcgagtc	tcgctgtgtc	gcccaggctg	gagtgcagtg	gcgcgatctt	60
ggctcactgg	aagctccgcc	tcttgggtcc	atgccattct	cctgcctctg	ccccccg	117

<210> 27058

<211> 147

<212> DNA

<213> Homo sapiens

<400> 27058

cacaattaaa	taaaatagca	catgtaaagt	gcctgatagt	tgggtgcacaa	taaataattaa	60
gtttcattac	gccttgatgc	tccaaatcag	aaaactcaaa	aggccttgac	ctcttcacg	120
ccttgtggtc	agcagttctc	tccaccc				147

<210> 27059

<211> 165

<212> DNA

<213> Homo sapiens

<400> 27059

atgagctgga	tatggtggtg	catgcctaca	tgggaggctg	agggtggagg	atggaacgag	60
cctggaaggt	ggaggctgca	atgagctgag	atcacatcac	tgcactccag	cctgggcaac	120
agagaccca	tctcaaaaat	aacaacaaca	acaaattcta	gcgag		165

<210> 27060

<211> 175

<212> DNA

<213> Homo sapiens

<400> 27060

taatgtaaat	atttgcttta	ttacacatgt	cagtcctgtg	tgtccattat	atcttttgcc	60
atttaattgcc	ataactcttt	catcagagat	ggcagccaca	gtcacagagg	aaacttgtgg	120
aaaacccaag	atctgtcatc	tgcaaataga	atgctttctc	ttgaggcacc	tggac	175

<210> 27061

<211> 173

<212> DNA

<213> Homo sapiens

<400> 27061
 ttgtctcagt cgatcacgac cctctcacgt ggacccccctt agagttgtta gcccttaaaa 60
 gggacagaag ttgagcacct gaggagctca gattttaaga cgctaggctg ctgatgctcc 120
 cagctgatta aagccactcc cttcactatc tcggtgtctc ctgtccgcgg ctc 173

<210> 27062
 <211> 295
 <212> DNA
 <213> Homo sapiens

<400> 27062
 atttgctagc catatTTTTa aatcaggggt gaactgacaa aaataattta aagacgttta 60
 cttcccttga actttgaacc tgtgaaatgc tttacckkgT ttacaatttg gcaaagttgc 120
 agtttgttct tgtttttagt ttagttttgt tttgggtgtt tgataacctgt actgtgttct 180
 tcacagaccc tttgtagcgt ggtcaggtct gctgtaacat ttcccaccaa ctctcttctgt 240
 gtccacatca acagctaaat cattttattca tatggatctc taccatcccc acgcc 295

<210> 27063
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 27063
 taactttatc tctttactat cagttcatca aaaatattct gtgaaaaaac attttatact 60
 tttactgtac taaagttaag ctcttcttat tctgagtcac aatctggacc catttaacta 120
 ctttagcttt attttctatt gtgctatatt ctctagctgt tttttctcct cctgtgctgg 180
 agaaactttt tactccttgt ttcagagcaa gtcaaacttc cacttcctgg tgtcatgcct 240
 tgggtctctga gtcaccaatc catgaatttc tgagtkattt ctgttttcca cctgca 296

<210> 27064
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 27064
 acctaattggt gwtgcagtct tagatcatag ttttatttat atttattgac tcttgagttg 60
 tttttgtata ttggttttat gatgacgtac aagtagttct gtatttgaaa gtgcctttgc 120
 agctcagaac cacagcaacg atcacaaatg actttattat ttattttttt taattgtatt 180
 tttgtttgtg gggaaggggt 200

<210> 27065
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 27065
 tgtatttttt gtttgtttgt ttcaaatttc atgtagttct gctctgatct tggtaatttc 60
 ctttcttctg ctgggtaatt tcctttcttg tgtctctagc tccttgaggt gtgaccttag 120
 aatgtcagtt tgtgctcttg cagtcttgtt aaggtaggca tttacggcta taaattttcc 180
 tcttagcact gcctttgctg tatcccagag gtc 213

<210> 27066
 <211> 98

<212> DNA

<213> Homo sapiens

<400> 27066

tggtgttttt	ctggwactta	cttatggtaa	ccttttattt	attttcta	at	ataatggggg	60
agtttcgtac	tgasgtgtaa	agggatttat	atggggca				98

<210> 27067

<211> 184

<212> DNA

<213> Homo sapiens

<400> 27067

ttgtgttttt	agtagagaca	gggtttcacc	atgttagcca	ggatgggtctt	gatctcctga	60
cctcgtgata	cacccgcctc	ggcctcccaa	agtgccttga	tggaagttt	ttttaaat	120
actttctttt	cttatgaaaa	attatctgtc	gtttgaaaag	tatatataaa	agcaggaagg	180
aat						184

<210> 27068

<211> 159

<212> DNA

<213> Homo sapiens

<400> 27068

aagaatggaa	atagggccag	gcatggtagc	tcatgcttgt	aatcccaaca	tggttgatt	60
gcttgagccc	aggagtctga	gaccagcctg	ggcaacatag	tgagaccct	gtctctgcaa	120
aaaaatacaa	gaatcagggc	aatggtggca	ctagcctgt			159

<210> 27069

<211> 220

<212> DNA

<213> Homo sapiens

<400> 27069

ccattccatt	ccattctatt	ccaattctct	tgattccatt	ccattccatt	gcattccatt	60
ccggtccaat	ccattccact	ccactccaat	tcactcctct	ccactccact	gcattccatt	120
tcactcctct	ccattccatt	acattcattt	ccattctaca	tcactcaatt	atatttcact	180
ccattccatt	ccacccatt	ccattcctct	ccactccctc			220

<210> 27070

<211> 243

<212> DNA

<213> Homo sapiens

<400> 27070

gtagacacta	tcctgtgtca	ttaaacta	aaagcagtgt	tttgtaaagc	aatctcaggt	60
gtatcaatcc	ctcatcggt	ggcgagacc	tccagccatc	catttcctaa	gtttaacaga	120
ggaactaaaa	ttcmaagacc	caattccaca	gtcgttgctg	agcataagca	cttcagccat	180
catctcctct	gcgatgaagt	ggtcattctc	tgagggtcac	gatcaagcaa	aaacttccta	240
ttt						243

<210> 27071

<211> 176

<212> DNA

<213> Homo sapiens

<400> 27071

tacagcaata	aagagatgag	ctcaaaaaag	aattggctat	ttgcaagtag	aaaaggaatt	60
taattattta	atttgaaagg	aaattaagag	agcacagaaa	ttcagtactt	gcaggtttgg	120
aargawacaa	gtgattctca	tttccagatg	gtaaaagaga	aaactgagaa	ggcctt	176

<210> 27072

<211> 225

<212> DNA

<213> Homo sapiens

<400> 27072

acagtcgatc	ctggactcat	ggtacaagac	tctttccact	ctctgagagc	ccwgagtcct	60
gagaagatgg	aaacaaggag	gccaaggcag	gtgaattgct	tgagtccagg	agtttgagac	120
cagcctgagc	aacatgggtg	aactctgtct	ctacaaaaaa	caaaaaaaat	ccagcgtgga	180
ggcatgcacc	tgtggtttca	gctactcaag	aagtraggca	ggaag		225

<210> 27073

<211> 159

<212> DNA

<213> Homo sapiens

<400> 27073

gtaactgggg	aagtttctgg	gcccagaaga	aaatgtaggt	agtcttaggg	ttaggtagca	60
gctgtcagga	acttgccctt	gcccataaga	tcctaaaggg	cccccathtt	actctcacca	120
gacagttaga	acttgtttcc	tcctccgtgt	cagcnagag			159

<210> 27074

<211> 88

<212> DNA

<213> Homo sapiens

<400> 27074

atgttgagc	tttaaagata	cagctgtatc	aggccaggcg	tggtgactca	tgccctgtaat	60
cccagcactt	tgggagaccg	aggaaggc				88

<210> 27075

<211> 182

<212> DNA

<213> Homo sapiens

<400> 27075

aaaattatth	ctttcaggtt	cctttcaa	gaccgaacta	agagaactcc	aaaaggaagc	60
tattaacatt	tactgaaata	gtctgtggtt	ctctatacaa	catggacaaa	acatacaagc	120
tggtgtctaa	gaaatgcagg	tcattggtgca	cattaatcaa	caggttcttc	tccccccgcc	180
cg						182

<210> 27076

<211> 107

<212> DNA

<213> Homo sapiens

<400> 27076

aacatttgca ttgctggac aattgcaatt ttttttaaaa aattccccta cccctgttta 60
aagctgaaaa atacatttgg ttcattgtgca ttgtttacaa agcgcaa 107

<210> 27077
<211> 53
<212> DNA
<213> Homo sapiens

<400> 27077
ctatacttta agatttttga gtttagtaagt tacctttttg cttttttttt ttt 53

<210> 27078
<211> 242
<212> DNA
<213> Homo sapiens

<400> 27078
ccactcttct tccatcttgt acacaaggat atcatgagtt ttgttttaaag cactactgaa 60
accaagataa actctggctt agcatgcccc tgacggatca gtgtagtaat cttatcaaaa 120
ccaagattac ctaaaagcac taaccaaagg aaaagctccc tcacctcaac ctatgactgc 180
tcacattttt cagattgaat catttcaatt gtatttttaag gttcattgac tctttaccac 240
ct 242

<210> 27079
<211> 180
<212> DNA
<213> Homo sapiens

<400> 27079
attctgtttc aggaatacga gaagattcga tggcctatga gagtcctcac agaataatttt 60
tatgaaaagg tgcgttataa aggctattat cgtattttgt tctcagcgga ggggttccga 120
aggttatgaa cttttattaa ctaacgcaag aatggtttat tcctaaaaag tagtcccatg 180

<210> 27080
<211> 182
<212> DNA
<213> Homo sapiens

<400> 27080
actaaaaata gaaaaattag ctgggcgtgg tgggtgcacac ctgtgatccc agctgtgtgg 60
gaggctgaga tgggaggatc acttgagctt gggaggcgga ggttgagtg agctgagatg 120
gagccactgc mctccagcct gggtaacaga gcaagactgt cttttttctt tttttttttt 180
tt 182

<210> 27081
<211> 248
<212> DNA
<213> Homo sapiens

<400> 27081
acagtgaat ctctgatgca accagtgagc tagaaggcaa ggatggcaaa gaggatcttg 60
atcaattaga aaatgtccct gtagaggaag aggaagaatt gcagtcacaa cagctactcc 120
cacaacagct gcctgaatgc aaagtgtgata gtgaaaccaa catagaagct agtaagctac 180
ctacatctga accagaagct gacgctgaaa tagagctcaa agagagcaac ggcacaaaac 240

tagaagac 248

<210> 27082

<211> 219

<212> DNA

<213> Homo sapiens

<400> 27082

taaaaaatat	tggaactaa	gttaaaattc	aagtgaattt	agaccagca	gaagacatgg	60
atggacctga	tttggccac	tgactaccag	tttgtaacc	tgtgctttat	aagatttgaa	120
ggaaaggcat	tcatggtaat	tacagacggt	gccaccagaa	aatgctcttg	ctaaatgcag	180
ccagtagtta	gattgcttct	ttctccagtc	ccccccggc			219

<210> 27083

<211> 214

<212> DNA

<213> Homo sapiens

<400> 27083

gatatggagg	cggggaaccc	aaaacaccaa	gagcagtggg	tgcttaggaa	gccacagagc	60
tggaagtaga	gccccagcag	cctgatccag	agcccctgtt	cttcaccacc	accctgccct	120
cctccaggga	gcacaatggg	ggtcccggag	cctctttcca	tctgttggat	ctcggtgaga	180
ggtgtacctt	gaaagacttt	taacatacgc	agag			214

<210> 27084

<211> 280

<212> DNA

<213> Homo sapiens

<400> 27084

actcaatgtc	atacaaatgc	cctgctttct	aaagcagcac	atggtttaag	ggatgggaga	60
agagagattc	tggaaggggt	taaatccctg	tgctgtgga	cactgcctgc	acctgcagac	120
cacctccatc	tgaagacgga	gtctcgccct	gtcgcccagg	ctgagtgcag	tggcgtgatc	180
tcgggtcact	gcaacctccg	cctcccaggt	tcactccatt	ctcctgcctc	agcctcctga	240
gtagctagaa	ctacggggcac	ctaccaccat	gcctggcaat			280

<210> 27085

<211> 122

<212> DNA

<213> Homo sapiens

<400> 27085

cagatgagac	cccagcccca	gctgacacct	tgattgaagc	cttgtgagag	acctgaagc	60
agagaaacca	gctaggcctt	gcctggattc	ctgatccaca	aactgctttt	gtgatgcccc	120
aa						122

<210> 27086

<211> 166

<212> DNA

<213> Homo sapiens

<400> 27086

aaaaactcct	taacatggat	gaacataatc	acttcgcttc	ttgatttctt	aatacctgct	60
ttcttttctc	cttgtaaatc	ccaatagaat	atcctgcaaa	gccagtkaaa	gctcctcact	120

tgaagaatca ctgattagca gatttcactg tgtgcttact tcagaa 166

<210> 27087
<211> 280
<212> DNA
<213> Homo sapiens

<400> 27087
gcgtcgcccg gtgtccgggc ctccggggcg gggggcadcg tccccgcttt ccattctactc 60
aatcctcggg cccgtgggca gaagccattw ctttwtttg tggggcmggg cacckwrcwg 120
ggcctttctc tattccccac cggctcagga cccctccagc ttgtccttgc tgactcgga 180
cctagggcca tgctgggaga gggcatggct ggatctggga ggcgargggc ggggargtgt 240
tagagagttc ctccctcccc accctcgccc gactcgcccc 280

<210> 27088
<211> 154
<212> DNA
<213> Homo sapiens

<400> 27088
aaaaataggt tcttactaac tataatgtca gtgattggaa ataagggtg gaaggcaaag 60
aacatataat ttttaagctaa atccaatcct gatttattac tacaccaatt accagagagc 120
ttgcaggctc ctgcattatg ccaacacagg gtgg 154

<210> 27089
<211> 349
<212> DNA
<213> Homo sapiens

<400> 27089
taaacaaagg aatctcartc acaccaracc aaccttttta ttctctgctc tctccccctc 60
tttgtgaara cagcgggtcc aaatgtgatt caaacaactg tacggagtgg catattagaa 120
ttgccctaaa ctgddstgcn aataattrkg tgtgtatgta tatgtgtggg aaagagaatg 180
tactgtatat gtgtatgtta tacagacata tacacataca tacakkgacc cacaggacat 240
tgtraaatat tatcacatga catcttaagt agaaataagt agggactttt attccatcct 300
ttttttcacg tttacatttt aattattaca agttgtctct gccccctmm 349

<210> 27090
<211> 279
<212> DNA
<213> Homo sapiens

<400> 27090
aacttactgg gaatgcagac cagcaggtct cagccttatt ttaccagacc cccattcacc 60
atggagtgtc tctggttcac atgccactga cgagggtgtc agggaaggca attcctggaa 120
agaatttttg agaaaataat agaagaaagc cagagctcca ataatttacc ctcatctcgt 180
gaagaaggca gggctgagac ccgaaagccc acacagggaa aacgacatgc ctaaaatttt 240
ctgcctgttg cggacagatc aaagattaga acccacgcc 279

<210> 27091
<211> 157
<212> DNA
<213> Homo sapiens

<400> 27091
aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt 60
gtagagcacc gatacctagc tgcagatagc tcccaaagag aaatcagtgt gtctctttca 120
ccatcagctc ctcccccttc accaccagct cctctcc 157

<210> 27092
<211> 277
<212> DNA
<213> Homo sapiens

<400> 27092
gtataaccata ttactgtact gaatactgcc tggtaactgt aacatgggtgc gtctgagaat 60
atctagacat agaaaaggta cagtaaaaaat acagtataaa agatttttta aaatcatatg 120
cctatatagg gcaattacta tgaatggagc ttacaggact ggaagctgct ctggacaaca 180
ggaaaccact gaaagctttg ataagaatgg aggacgatat taagaaatta atgttcttga 240
agaatgaatg tgatctcaaa aagcagaaaac aaccctc 277

<210> 27093
<211> 419
<212> DNA
<213> Homo sapiens

<400> 27093
gataaccaca gtgagcacca aagccaaatg ccaaaaacca aaaaggatgg caagaatcaa 60
ccacagggga catcagagga ccacaggtgg aggagaagag gcgaaaagg aagcaacaca 120
ggattactct ggatgctatg ctgagaagaa actgaagaca atggtggaag tgggaaagct 180
tatgactcag aataactatt tctaataaca aattttaagt tctcttcatt gtattaagaa 240
gagagaaaga atctgagaaa ttatggcgta ctcaactgtg gacagctgaa agtctggcat 300
agcgtgccct catcatcaca aatgggctcg cattacaagc tacacttatt tgacaactat 360
cagcatttgt caaccggcac tcagatttga agactcattt cacagctgga gcaagagaa 419

<210> 27094
<211> 274
<212> DNA
<213> Homo sapiens

<400> 27094
aaagttttct aacactgcct tatactgtgt ttctcttttt gggggagctt aactgcttgt 60
tgctccctgt cgtctgcacc atagtaaagt ccacaagggt agtcgaacac ctctctggcc 120
cctagaccta tctggggaca ggtggtcga gctgtctcc agggctgctg cggcccagcc 180
ccgagcctgc ctccctcttg gcctctcatc cattggctct gcagggcagg ggtgaggcag 240
gtttctgctc ataagtgcct ttggaagtca cctc 274

<210> 27095
<211> 181
<212> DNA
<213> Homo sapiens

<400> 27095
ttcaagatgg aagagtaatg gtcatatgta tcagatgtca acagaaagag ccaaactttg 60
taaaataatt gaagaggttt attctgagcc acatatgagt gaccatgacc tcaagagatc 120
ctgagaacct gtgcccaagg tggttgggtt acaacttgat tttatatatt taaggagcgt 180
a 181

<210> 27096
<211> 89
<212> DNA
<213> Homo sapiens

<400> 27096
acttcttggt ggagccggca ataggcaaag tgtgttctgt gaaatccgca gagccgagat 60
tgactacgtt ccgggaatga gagggctgt 89

<210> 27097
<211> 161
<212> DNA
<213> Homo sapiens

<400> 27097
aaaaagtcac agaagaatgt ggagacactt agcaaaacgg actctcataa ggaacttcca 60
ttttctcaac aactgctctt ccaagatgct gcctcatttc agagccatgt tttactcatg 120
agctgggtcct gtccagaaaa cagccaatgc tcattcccga c 161

<210> 27098
<211> 277
<212> DNA
<213> Homo sapiens

<400> 27098
aagcactcag gaacaggatc atgtgaaaca ataccttgcc caggtcacgg ctacgtcagg 60
tatcagcact ttgcttattt ccggccgaag cccaggatcc aagtaaattc tagtgggcaa 120
gaggaagaga agagaaacta caacatcatt atcttactgc tggaggcagc agattacgga 180
cccctgactg tgatgtgtca aatgcactgt gtgacaacca agaccctaca catctggggg 240
gcacttcagg attcctccag gcggcagttg ctggcca 277

<210> 27099
<211> 206
<212> DNA
<213> Homo sapiens

<400> 27099
catattttga tatttttaca taacagtatt ccatcttgtc ttaaccacca cagagcccta 60
taaaatataa tgggtgaaat attacttgcc atgataaaac tggtgaaaaa taggaattga 120
gaatttaggt ggttttcaaa actgtgtgca tattacaaag cttgtatata actgtgtctc 180
ttggagcacc atttttctgc cagcgg 206

<210> 27100
<211> 425
<212> DNA
<213> Homo sapiens

<400> 27100
ggcggtcgcg actggcggggt gccctctccc gaggggaact gaggcggggc gcctgccacc 60
attcgtgatt ttvcgtgact caccctctca acagtgtccc gtcagccccc gctttctgga 120
attaagatga ttttccatgg gcattatagt cagaggaggt twwctgtgag acatctggga 180
aagggtgactc aatgatcact catattgttc tatgatgtta tacatttaac cggaatactg 240
gtgaacagct ttatatctt ggaatttttt cccatttttg aatcagaaat ttaggaccaa 300
gaatcttctg tcacagaacc tattactttg aggagtgaac ttatattaac ggtgctaaac 360

cgtacatgaa cgacttggtg gatgaaaact ttggaaaata ggaacatttc atgtcatcac 420
atgta 425

<210> 27101
<211> 139
<212> DNA
<213> Homo sapiens

<400> 27101
atttagtttt ctgagattgc aaatttaaaa attttttaggc tttaatcttt gaatcacaaa 60
ttattctaac ataatgtacc ttatctagga aaggaagaaa atgttggttg tttttacttt 120
ctttttatat aaaagctgc 139

<210> 27102
<211> 175
<212> DNA
<213> Homo sapiens

<400> 27102
acaaaaaata caaacattag ccaggtatgg tgctgtgcac ctgtagtccc agctactcgg 60
gaggttgagg tgggaggatc acctgggcct gggaggtcta gactgcagtg agccatgatc 120
atgccactgc attccagcct aggcaacaga gcaagaccct atatcaaaaa aaaaa 175

<210> 27103
<211> 200
<212> DNA
<213> Homo sapiens

<400> 27103
aaaggatgaa acaaaaagctc atgtagttga tgtgtaaaga gatatccaag tggagatgcc 60
aaaatatcc tctttaatgg cgtataagtt acctgtggag gatgtccacc ctctatctsg 120
ggcctttttc aagtttagagg cgatgaaaca gaccttcaac ctggaggaat acagcctctc 180
tcaggctacc ttggagcgaa 200

<210> 27104
<211> 288
<212> DNA
<213> Homo sapiens

<400> 27104
aatctggatg catatacata cagaaggaag attatgtaag gacacaggaa gaagatggcc 60
atcctgtggc taagccaaca ggagagaggc ttgagagtaa atggaaatag aaaaggaaat 120
ggtcttgga tactatgcag ccataaaaaa tgatgagttc atgtcctttg tagggacatg 180
gataaaattg gaaatcatcr ktctcagtaa actatcgcaa gaacaaaaaa ccaaaccaccg 240
catattctca ctcatagggtg ggaattgaac aatgagatca catggacc 288

<210> 27105
<211> 273
<212> DNA
<213> Homo sapiens

<400> 27105
caacggacaa ttgactgaac ttggtgggct gggccttcga gccttcgaag cccacgtgca 60
agcgcctcaa accaagtcam gcttggcgag gmcccagtga cactgatgtg ctgagccacc 120

atttcagact gagtctgcac cctcagccac atgaacaatc tcccctacct ccctgggact 180
ctgcttctgt aactgtctca ttcacacctg cctgggtcac tggaaatcct cttttgagcg 240
cgggatatgg cttgcccttg tccgtgtgcm ccc 273

<210> 27106
<211> 289
<212> DNA
<213> Homo sapiens

<400> 27106
caggatggtg ggaaagctga ggtgggagaa tcactagact agagcctggg agtagagcct 60
gggaggtcaa ggcttcgggtg tatagttaat atgatttggt gactcttcaa agatttgtgc 120
atataaagtt ttatctttat gcaaaattta gtaaaataaa tgttgtttaa ttttagagct 180
atactacaaa attcctggac agaagtcattg gatttaatat tgaaaccccg ctctggaggt 240
gagaataaaa ttcattgttaa gaaaataaat agaattgtatg gctaggaaa 289

<210> 27107
<211> 320
<212> DNA
<213> Homo sapiens

<400> 27107
aaattctcgt caccctattg gttgagttaa ccagcattca aaagcagtca gcgaaccaac 60
tacgactggg cccagggatt tcgggaaatg tagtcactc tgcagcttcc gcatcccagg 120
acgatgtctt gcatttgga cctacaaaat tttgatttgc cgtttaatat ttattgaatt 180
agttgattcg ctgggtgcaa cgaccaagaa aacaaatgtg aggacattcc taaactattt 240
ccaagtggct ctgaattttt tattaattta gttctctaac attttgttgc caggcgggtg 300
gctaggtact aaagacacga 320

<210> 27108
<211> 171
<212> DNA
<213> Homo sapiens

<400> 27108
ataatgaatg cagcatccct ggggagtgat ctgaagctgg cgaggcaatg agaacaccct 60
ggcagggcag ctgagctggg tggatccttg ttctgtcacc aagcctttaa gtcattatgc 120
gacatgttac agtctgcct gggaccctgc ccacaaatac ttaagatgcc t 171

<210> 27109
<211> 118
<212> DNA
<213> Homo sapiens

<400> 27109
agagtgggat cccaacgggt aacccccctg cagggagtag gggcgactg aggggtcacc 60
aggagcggcg cctggaacga agtcagtgtg gattatgggc tggccacaat taagacac 118

<210> 27110
<211> 405
<212> DNA
<213> Homo sapiens

<400> 27110

tgtttaattt	ttttagaga	tgtggtcaca	ctgtgttgcc	caggctgggc	ttgaactcct	60
ggcctcaagt	cattccccac	cttagcctcc	caaagtgttg	ggattataag	cgtagagsac	120
catgcctggc	cccaatttaa	aatgtggaat	tcagttgggtg	tccaagactt	atcttgagac	180
tcttaaaagc	atcagtctgt	aactagaaca	aatacagctc	tagatttacc	caagtgccta	240
gatatcattt	tataatgatt	agaattgagt	attgtgggtc	ccctaattct	gtgggtgcct	300
taagtgagaa	tttctaaatg	attttcacat	tctaaatgac	tttgggtttt	gaactctcca	360
tctagtttac	ttctaaaatg	ggaacttgag	gcattcaggt	atcca		405

<210> 27111

<211> 276

<212> DNA

<213> Homo sapiens

<400> 27111

attatttctt	agaataccag	ataagagtcc	agcmaaccca	ataccttaat	ttcagttttg	60
tgagtcctta	agcaaaccat	ccaggctgcc	cagacttttg	acctatagaa	ctgtgagata	120
ayaaatcggg	attgttataa	gctgctaagt	gtgtggcaat	ttgtttataca	gcaataaaaa	180
tctaataata	ctatctataa	ggaggtgcct	taaataaact	ttggcactac	aagcatctga	240
acaaacaaaa	ggatctgtat	ggaataaagc	gaaagt			276

<210> 27112

<211> 241

<212> DNA

<213> Homo sapiens

<400> 27112

acgcgcagtg	ttyaacggcc	ggtcaggaac	ccaacaatta	gtcccttctc	gtccgagagg	60
aaactctgtg	agaagatggg	accgtgagca	ctctctttta	caaggacatt	tccttttcag	120
cgaaagcagc	gctctgattt	accaagtctg	gcggaccgca	gcgctttaaa	ggaatgaggt	180
tccagcgggc	gcgccaagca	gcgtacgcag	cctattttta	gttatgctac	cttcgccaaa	240
g						241

<210> 27113

<211> 59

<212> DNA

<213> Homo sapiens

<400> 27113

catttcacca	tttccttttt	tctttttttt	ctttcttttc	ttcttttttt	ttttttttt	59
------------	------------	------------	------------	------------	-----------	----

<210> 27114

<211> 244

<212> DNA

<213> Homo sapiens

<400> 27114

agatttcaag	catcatggaa	taaatactca	gaacaactcc	ctgctgaccc	ataaaatatg	60
ggaattgcag	atgctaccca	taaaaatgct	actttgacat	cacttctgca	ataggtctga	120
gacagagarc	taaargrcat	ttcataaaat	gggcatgaag	gattccttca	aatgaagacg	180
tggacaaaat	gattggctcag	gtcctttgct	ctactgttga	atggaggagg	attttttttt	240
tttt						244

<210> 27115

<211> 251

<212> DNA

<213> Homo sapiens

<400> 27115

agacacacta	tgcgggttgc	ggggcctggg	ggccggacgg	ctgtttcctg	tcctgggtgca	60
tggtggtcgg	acgaaggaat	tggtggaaaa	ttttctcgga	ggtagaagat	gttgtagcc	120
caaataaatc	gagattcyca	gggaatgaca	gagtttcctg	gaggagggat	ggaggcgcaa	180
catgttacgc	tgtgcttgac	agaggcagtc	accgtggcag	atggtgacaa	cttagaaaat	240
atggaagtgc	a					251

<210> 27116

<211> 123

<212> DNA

<213> Homo sapiens

<400> 27116

cttcaggcta	aaagctacaa	aaaggggaaa	cttttgtttt	ttgtagcttt	tcgcttttgt	60
agcttttagc	tttttagtgct	attcccatct	ttttaagtac	tgacaattcc	cctaagtaaa	120
tga						123

<210> 27117

<211> 330

<212> DNA

<213> Homo sapiens

<400> 27117

cattgtagtt	ttctatcaat	ttcactggat	taaaagattg	aggaataaag	attggcagac	60
taccccctag	tggttaactt	gaagaaagtt	gtgcacaaat	tgtaaagaac	tactgcatta	120
aggtaacagt	aattgtttat	ttccattata	tttattaaat	atacttatta	aatctatgtc	180
ccaggcactg	gatcagggtgc	ttggaataaa	aatccagtaa	acaaaaaaaa	aaattaatcc	240
agtctttcag	tcttagcaat	ggctttacct	tctccttcaa	aggaaaattg	aaatgatgag	300
ggagtagttg	tctgtacgta	cgatgaatgc				330

<210> 27118

<211> 62

<212> DNA

<213> Homo sapiens

<400> 27118

gataatatct	aaggaataaa	actttgaaaa	aaactcacca	aacttttttt	tttttttttt	60
tt						62

<210> 27119

<211> 413

<212> DNA

<213> Homo sapiens

<400> 27119

ccttcagtgg	ctccaaacaa	tgtatggcag	ggattggtaa	tttttttcta	tgaagggcca	60
gataataaat	attttaggct	ttgcttgata	tatatgattt	ttgttacaca	ttgccttttt	120
tttttccagc	tcttwaaaaa	tgtaaaaaata	agtatgagct	catgaatcat	acagaaatgc	180
cttgggtcaag	atttggccca	tggtcatag	tatgctagtc	ctatagtcag	tgtgcagagt	240
aagcagaggt	ctgtgaagtt	tctcatagcc	aaactctaata	ccatcttttg	catctwattg	300
cccctttttt	ctcttaccgg	ggaagaaatt	attcttctgg	cgcatgcmat	cctctctgtg	360

aataatttyc tttcttcttct ttcgwctatt tattttaaagt agtgattggg gtc 413

<210> 27120
<211> 147
<212> DNA
<213> Homo sapiens

<400> 27120
attaatatta atgaaaagga atacgaagag tggtttatgg atgggatgag aaggaagcca 60
gtgagtactg agaaggtgac ccctagggat ttggcctgga atggcaagag ctgagacatg 120
tcagaggaag aaattttttt ttttttt 147

<210> 27121
<211> 208
<212> DNA
<213> Homo sapiens

<400> 27121
agtgggggag ccggcagccg ctcttgaccc agattagctg tgagtccttc ggctgcagga 60
aacctctctc ccgagagcaa agcccacgca taacttatgg ttgctgagct gcccctatgcy 120
ttctgaaaca gcttggttggg tggccctctg atcctgtagg gctctccccg tgttctgccc 180
ctcctaaaac tgagtgggtg ataattct 208

<210> 27122
<211> 315
<212> DNA
<213> Homo sapiens

<400> 27122
aacttggtcg cgttttgttc tgtactggaa gctttttttt cttttggtct ttgcaatgaa 60
ttatgttgct gctccctttt tgggcctaca ttgtctttat aagctgtaac gctcamcgct 120
ggaaggtctg tagcttcact tttgtaagct agcgagatca cgaaccacc aaaaggaaaa 180
aactccagac gcgccaactt aagatttgta atattcattg tgagggtccg cagcttcatt 240
ctttaagtta gtgtgagacc aagaacctac taattcggaa cacagtctca gctcattgca 300
accttcacct cccgg 315

<210> 27123
<211> 118
<212> DNA
<213> Homo sapiens

<400> 27123
agmsacagca actccctccc gtaactcagg ctgagaagga accagccagc tcttacctcc 60
tcttggttgc ttttcttgcs cccaccccaa gtttattttt gttttcccc gcmccccg 118

<210> 27124
<211> 229
<212> DNA
<213> Homo sapiens

<400> 27124
atttctctat tctctgcct cagcctcccc agtagctggg actacaggcg cccgccacct 60
cgcccggtta attttttgta ttttttagtag agacgggggtt tcaactctgtt agccaggatg 120
gtcttgatct cctgacctg tgatccgccc gcctcggcct cccaaagtgc tgggattaca 180

ggcgtgagcc accgtgctcg gctgatgtgt ttcttataaa tggcacaga 229

<210> 27125
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 27125
 caaaataaaa aattaagtat gttctgtgtt ttcattttta ctttttttat ggtgtttaat 60
 ttgtggttgg ctgcaactgt gtatcatgta tatggaactt gtaaaaaagt tctcggacwt 120
 tcagatctta agagatgaaa tcactttttac ctataaaaac cactttttatt gcggtttgac 180
 tgcattgagc tctaggatat taaatgatat cactaatatt ttgcatgtaa tttgctcatt 240
 tgagttaggg cacat 255

<210> 27126
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 27126
 ttgcaaagga tacagatgaa gagacacata ggacaaggta tgggagtggg gtacgaagct 60
 tccatgcctt ccctgggagc accaccctcc aggaacctcc atgtgttcag ctgtcctgaa 120
 gttctctgaa cgcagccttc tgggggtttt ttgtgtgtgt attttttttt tttttttttt 180
 ttttt 185

<210> 27127
 <211> 79
 <212> DNA
 <213> Homo sapiens

<400> 27127
 ccaactttca gaccatagcc cagggcataat ctcatgtgta ttgtttcaaa attttttaaat 60
 gtaggtgtgt tttttttt 79

<210> 27128
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 27128
 ctttcttctg ctggtagata tctaggctat ttccattttt ttttttaagt catgaataaa 60
 gcaagctact gctaaaattc actggcaagt ctttgtggat atatatttgc tttttttggg 120
 ggaggggc 128

<210> 27129
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 27129
 aggtggaggt tgcagtgagc tgagatcacg ccattatact ccagtctagg caacaagagt 60
 gaaactctgt ctcaaaaaaa attaagtata ataagtgtac aataataata atgttagtga 120
 tacatatcat tttgaaacca gttcttaagc aattaaaaaa aagcagca 168

<210> 27130
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 27130
 acactgcctt tatgagctgt aacactcact gggaatgtct gcagcktcac tectgaagcc 60
 agcgagacca cgaacccacc aggaggarsa aacaactcca gacgcgcacc ttaagagctg 120
 taacactcac cgcgaaggtc tgcagcttca ctctgagcc agccagacca cgaacccacc 180
 gt 182

<210> 27131
 <211> 329
 <212> DNA
 <213> Homo sapiens

<400> 27131
 tgttaaagmt gtatcgtggt aaaaaattta ctctagcagc catgttgaac aatgtattta 60
 aaaattgtaa actcttgga tactgtattt atctgctatt tcaatataaa gtcctttgac 120
 ttagtctctg tractgtaca gtaatttggt ttactaatga aagttgtgaa taaaactgtg 180
 aaactagaag ggagactttc tggacttta tagaaaaatg tgatttttag attgcttttt 240
 cttttgtttt agcgtaattt ttccctttat attcccctca tcaatgtara taaacacaca 300
 cacacacaca cacacacaca cacacgmsa 329

<210> 27132
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 27132
 taatgatgaa tctagaggga attggcgtat tcatgaagag aactgggatg caaaaataac 60
 agagtttaaa gttttattaa atatagaagg catatgaatt actgtgcttt atgatacagt 120
 gaagagaagg ataactttct ttgccccaa atgcacacag acaggagaga gaaagvnhgg 180
 agagaaggtc taccagcaat gacattgcaa aatgagtcaa tgtcaggctt atggaatatt 240
 caaagcctct gttgagccta cagagcaagg tggggtcggg ggggttgatt tcaatgagtg 300
 ggaatgc 307

<210> 27133
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 27133
 taaactcctt agtttcttgg cctgggtgtg tggycacac ctgtaatccc agcctttggg 60
 aggccaaggc gagtgaatca cctgaggta gtagttcaag accagcctgg gcagcatgac 120
 aaaaccccat ttctactaaa aktacaaaaa ttagccaggc atggctgggt gctc 174

<210> 27134
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 27134
 ggtggaggct gcagtcagct gagattgagc tactgcactc catcctgggt gaagagagag 60

85

<213> Homo sapiens

ttctgaagct	gaataaaatg	tgctgtttggg	gcttttctgt	gcctcaggtg	ctcattcaca	60
tgaagccaca	cttcatttga	tagtgccaat	gtcagctggg	cacggtggct	cacacatgta	120
atcccagcac	ttttggaggc	ct				142

<213> Homo sapiens

tgccatata	cttattatgt	taacctat	tatttttcta	tatttcgtac	atatataagt	60
attattatgg	ttccaagcaa	tgagtgtaat	gtatttttctc	ccaatagtaa	ttgtttatat	120
tcatattatt	cagctctgct	gctaaacacg	tagttccact	tcgttttttt	cttcttgcta	180
tct						183

<213> Homo sapiens

tgagcctct	gctcscggg	tcccagcgat	tctcccgct	cagcctcccg	agaagctggg	60
attacaggca	tgtgccacca	tgcccgcta	atTTTTgtgt	tttagtaga	gacagggttt	120
tgctatgttg	gccaggtgg	ttttggaact	cctgacctca	agtgatccac	ccgccttggc	180
ctcccaaagc	gctgggatta	caggcatgag	ccactgtgcc	cgac		224

<213> Homo sapiens

```

taattgaact gtacccttaa catacctgta ctttttttat gtgtgttttt ggatacttag      60
ataaaaaattt acccaattaa caaaaatgca atagaagcta atttaaccar gttrttgcag      120
kattttaagaa tttgaggatg agggagtgta tatggaatgg ctatcttata ctccaggcac      180
ataaacaat   tcaagaa                                197

```

<213> Homo sapiens

aaccttttaga	aaagggtagg	gaggatgaaa	gatgaaagtc	cacaaaaatt	tatgatagac	60
cacttaagga	acctgagtcc	tagacctgga	ctcaaggaat	cgtccaaagc	accgtacct	119

<210> 27140

<211> 81

<212> DNA

<213> Homo sapiens

<400> 27140

tgtgtgttac	taggctgtgt	tttgggatgt	cagcagtggc	ctgaagtgag	tygtgcaata	60
aatgttaagt	tgaaacctca	a				81

<210> 27141

<211> 371

<212> DNA

<213> Homo sapiens

<400> 27141

atccaaaata	ttagcgtwtt	aataggagat	ccatatgaaa	aactactgat	gagttatfff	60
acactctgtt	ttcaacctca	gtctttgaaa	gctggcaagt	atcgtacatg	tacagcatgt	120
ctcttttcag	mgagtcacat	tttaagggct	ccattgccac	atgtggcagt	ggtcaccctg	180
ttggacagcc	caactctaaa	catcttaaca	gaccctaggc	aaagcaggcc	tggcctattg	240
ctaagcatca	gggagatcca	agtttccatc	catcagacat	tctggagcaa	agctggctga	300
tgtatcagga	atggcatgga	agatctgact	gtcttccttg	ctccccaat	gtccatffff	360
tactctgtga	t					371

<210> 27142

<211> 243

<212> DNA

<213> Homo sapiens

<400> 27142

cgggtgcagg	gagagaagga	gcagccttgg	actggggatc	ctgagtagtc	ctgtctggga	60
atggagggca	ctgaattggc	accctccttg	gaggccacat	ggcccaaaca	tgggcattdc	120
tgctggtgat	gggatctctc	ccttctgcca	gctgggtctc	gccctgtttg	agctgggaaa	180
gtttgctgaa	ggctgcagcc	tgttctgagt	tggatggtag	aaatgtagga	aatacaccaa	240
ctc						243

<210> 27143

<211> 187

<212> DNA

<213> Homo sapiens

<400> 27143

tagagtaaat	atkcattttc	vwctgccttt	tgtaaattat	aatggataat	tgaagcaaaa	60
atktaacacc	aaggccaggc	acaatggctc	acacctgtaa	tcccagaatt	tygggaggcc	120
aagggtggaa	gatacattga	gccagcagct	tcaagaccag	cctggagaac	atagtgaac	180
cccacaa						187

<210> 27144

<211> 283

<212> DNA

<213> Homo sapiens

<400> 27144

tctaagtact	ttacatffff	gtcttatgtg	ctttatggta	tttctctgtt	ctgtttcctt	60
atgattgaca	ttgctttcag	tcattgtatt	cttttgctac	ttctaattgt	gttttatfff	120

taaataattt	catctttttc	cttaagttcc	tctaaattcc	agctcttttt	tttttctttt	180
ttgttgggg	gactttatct	aaagtttttg	gtttcctgaa	atttctttcg	aagtatat	240
tctttatgtt	gtataccccc	acttccatgy	ctgtacaggc	ata		283

<210> 27145
 <211> 470
 <212> DNA
 <213> Homo sapiens

<400> 27145						
agtagtctag	tgtctcgaga	agctgttgtg	gcgctcagct	tccttattga	aggtacaata	60
agtagagcca	ggaagatcta	tccacttcat	gaacttgcac	tgtggcaacc	actgcatgca	120
gatagtggmt	tctcaaagat	ctctaagact	ttctctttct	acaaactgga	aacctgggtg	180
aggtcctgtt	tgactgggaa	tccatttggg	acatcagctt	gcctcaagtc	tggaagaaa	240
ttggcttggg	ctcatcaagt	tgaagggacc	accnnaagag	ctaagattgc	tygtaatact	300
catgtggych	ctaggatgca	ccgactggta	gtgatgagcc	aggtttacia	gcagacactg	360
gctaagaagc	tcagacactc	tggcgggggc	acatgtaaag	attcatcggt	gcaacgaatc	420
ttttatatat	ctgctctctc	ccttacgata	tgtgacaatt	gagaagtgca		470

<210> 27146
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 27146						
agataaagac	tcccctgttg	agtacaaata	tttcctccat	gaagatactc	ttgaaaacac	60
actctcccca	ctgagacttc	tcttcatgat	atccgaaatg	agagaacatc	cgggggtcaag	120
catgaactgc	actgtgttgt	ctttatgaaa	gagaaacaaa	aactcaggac	cccaattcac	180
tgtgacagaa	ggaaaaaaaa	aaactggaag	ctgagtcatg	caagaaactg	cctttccttt	240
kgttcctaag	cagacagcta	cagrgaaacg	gctaagtatt	tccttaggat	ctttacaggc	300
cttcgtgtac	tgaccagagg	agcatt				326

<210> 27147
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 27147						
agatccaagg	tgactgagac	aaactgccgg	ctgccactgg	cttatcagga	gcacctgaat	60
ctgctgacac	atcaaggcca	cttttcttag	gagccccctg	acttccaaaa	tcagtgcctt	120
tggaattcatc	tcttccggga	gagttcagtg	tcttctgaaa	tgttacaaaa	cgtccttcag	180
agcaagaagg	cgtacacgag	gagctcgact	ctgtagaaa	gagatggacg	acatgtctcc	240
caggctgaga	gccttctctc	ccgaacccat	tgagagaaa	gatttctgct	gggtggatgg	300
catcagccat	gagctcgcca	tcaatttggg	caccac			336

<210> 27148
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 27148						
aagactatac	tttcagggat	catttctata	gtgtgttact	agagaagttt	ctctgaacgt	60
gtagagcacc	gataaaccac	gagga				85

<210> 27149

<211> 202

<212> DNA

<213> Homo sapiens

<400> 27149

agcaacccgt ttggttatct ttctgtgctg tggaagggtt gttctttcac tctgcactat	60
tttgcaataa atattgctat tgctcacttt gggtttatat tgcctttatg agctgtaaca	120
ctcaccatga aggtctgcag ctttactctt gaagcttagc gagaccacta acccaccaga	180
aggaagaaac tccggacacg ca	202

<210> 27150

<211> 277

<212> DNA

<213> Homo sapiens

<400> 27150

agctactgat agcattcttc agggcttcta agctgtcaaa agcaaaaggg ggcaggggga	60
gaataagggg taaataaaaa tgttggaat gaggccaggc gtggtggctc acgcctgtaa	120
tcccagcatt ttgggaggct aagggcggca gatcacttga ggccaggagt tcaagaccag	180
cctggccaac acagtgaac cccgtctcta ctaaaaatac aaaaattagc tgggcatggt	240
ggtacacgcc tgtaatccaa gctgctcggg gggcgca	277

<210> 27151

<211> 420

<212> DNA

<213> Homo sapiens

<400> 27151

cataccataa gtgagtgtta cagctcaaat ccctcagttg tttgaggtta tgacatttgt	60
gttgagttcc taaaacacta gccctctgaa cagggttagg aggaggtatc acttgcgagg	120
ttgagtaagt atgttcaagt acttggcctt gagagtgggtg actcctaaaa ttttgacca	180
taggtggttt gcttgtctca ccctaaccaa ggtcctgcct gtaaaacaat tataataata	240
aacattcctt tagaataagt ttgtattatc atcaactaag ttgcaaacat aattttaaaa	300
agcaatactc ccatgagact ttcaaagaaa agcaacagtc tcctgaccct atcccagctt	360
gshtcccatt tctactctat agaaacaatg tttttcagct ctttcagctt cccccctact	420

<210> 27152

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27152

tgttacacat gcagggtgta taagtgatca aacacatgct aacacgttgc tcaccgggtt	60
cttgtggagt gttctccgtg tgctgatgtg tttgtatgag tgctgcatca ctgactacct	120
cacagatcct tgggtctggt gtttgttatt gcatgttggt aaaacagttt ttcaaggcat	180
aaaataaaaa tactagctgc cttg	204

<210> 27153

<211> 449

<212> DNA

<213> Homo sapiens

<400> 27153

atgctcccca	ctggactgta	tactccatga	agggaggaac	caggcctggt	tggttcatta	60
atacatcctt	acctctgagc	agagtgcctt	accttttagta	ggtgcttcat	aaagacttgt	120
ctagaaatca	gtggattaat	tatttaacag	tgtgagtgtc	gtgaggaaaa	aacataattt	180
ttatatcctc	aaagcctggt	acaggccagg	aagaaaatca	gtattcaata	agaaatgtct	240
tagcrnhtaa	aaagaatcct	ctagttgaca	gcagccggag	aagtagaaac	agagagaaca	300
agagcaagac	aagaggaaga	taaggagcaa	gagnnaacct	gcagcaacag	ggaaccaggc	360
agaggacacc	tagctcttcc	tgagcatttt	agaagcctcc	gtggccttca	aatctggtgc	420
attggtgacc	tctagaggac	agaatctca				449

<210> 27154
 <211> 218
 <212> DNA
 <213> Homo sapiens

<400> 27154						
aagtgtctct	acaactctgc	ttatcttttg	tagagacggg	tgtatttttt	gtagagatgg	60
tggccagggt	ggtctcaaac	tcctggactc	aggtgatctg	cccaccttgg	cctcccaaag	120
gctgggatta	vdagcgtgas	caactgcata	tggcvagttg	ctacattttt	aattggtcaa	180
aaagaaattt	tgtaaaaacg	tatttcacat	catgcgaa			218

<210> 27155
 <211> 60
 <212> DNA
 <213> Homo sapiens

<400> 27155						
tctttctgag	taatagtcgc	ttcctctatt	aaaatctttt	tttttttttt	tttttttttt	60

<210> 27156
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 27156						
actctcatgg	caaaactgct	ggtgagtgtg	ccttttctac	aggaagtaaa	aatggcctta	60
ctaaataaat	taaattatgt	ccaagtgtga	tttctttatg	gcaccgggag	caagcattta	120
aaagacttcc	atgtcacagg	aargaattgt	gcttgagaaa	caatcatcaa	gtctgttggt	180
ccacatctcc	cgcgct					197

<210> 27157
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 27157						
ttcgccctt	ttccatgtgg	tgggaggaaa	aactttttca	ctactttctt	taattcaatg	60
cttggggact	gctgaattag	aataacagaa	gacagattaa	caggataaaa	gttacacagt	120
ktttattaat	atttacatac	gtgggc				146

<210> 27158
 <211> 298
 <212> DNA
 <213> Homo sapiens

<400> 27158
tattaagtat tatttttctaa aagaaatagg aggcattttc atctttatta ttgtactttt 60
ggttatgcaa acactttgat aatataaaca gttatgtccc ctataaatct ggtagagcaac 120
ctcttttgat tttgttgggt aagttaaata gtctgtagta ggtagagtag tgggtacaag 180
tgggtccaaac taagataaga gactaaaata aaatgctaaa tcttaaaaga mactgggttt 240
atgcactaaa cgttttgtgc cttgggtctaa tattaacatg atgtatgtgt aaactgac 298

<210> 27159
<211> 157
<212> DNA
<213> Homo sapiens

<400> 27159
taattttataa tggcaaaact cagccagtgg gaggtgcatg ggctccttgc gcttattttg 60
ctgattgaca gactgaggcc caggagaggg atggcttcct cgagaccctg actctgtgag 120
ttagggacaa agctgagast cagtccctggtc ttcctcc 157

<210> 27160
<211> 152
<212> DNA
<213> Homo sapiens

<400> 27160
agcgtccgga gtagctggga ctgaaggcgc ccgccatcat acccggtctaa ttttttgtat 60
tttttagtaga gacgggggttt caccgtgtta gccaggatgg tctcgatctc ctgacttcgt 120
aatccgccc cctgggcctc cgcccgcag ac 152

<210> 27161
<211> 334
<212> DNA
<213> Homo sapiens

<400> 27161
tcttccttaa aaaggaaata cagtgatttg agctagatga atccagctac attttacttt 60
tttttttgag accgagtctc attctgttgc ccagggtgga atgcagtggg gcaatctcgg 120
cttactgmaa tctccacctc ctgggggtcaa gtgattcttg tgcctcccag gtagctgggg 180
actataggca ccaccacacc cggctaattt ttgggtgttt ttgtttgttt gttttgtatt 240
tttagtagag acgggtttca ccatgttggc cgggctggct gcaaactcct gacctcaggt 300
gatcagccc cctcagcctc ccaaagtgca tggg 334

<210> 27162
<211> 99
<212> DNA
<213> Homo sapiens

<400> 27162
gggcccggga ggcggacttt cagtgggccc agatggcgcc actgcagtcc ggcctgggcg 60
aaagagcgag actccgtctc aaaaaaaaaa aaaaaaaaaa 99

<210> 27163
<211> 120
<212> DNA
<213> Homo sapiens

<210> 27169
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 27169
 acmaatatka cagcacgcaa tgagggccca gaggaadwaa gaaagattaa aggaymssag 60
 agactacttt tgcvttgagg ggaasaaaga agtcaggggc tggctaamag gtcccgmamag 120
 tmaaattccag crgactgcaa aaatactaga ctttctccac tgaagagtca ggtaatgcca 180
 gaagagtatt atggcacagc aatactcctc agagcaaacg ttggcttttc agctaactta 240
 gaagttccct ggaaaatgct tcttaagcct tagagaagag agacagtctt tttcatataa 300
 catagccaaa ccaagggcgt gacactccgt caccgtccc 339

<210> 27170
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 27170
 gatggcctgt ttgagtaagc agtggggaag aaggtcaata atacatcagc atgcagagtc 60
 tccgctaang wttcctgaga ttcttctggg ctccagaggtg ggactggggg tcacagcagg 120
 catccttgta ggaatgacag cagaagggca gaaaccacc acgtgaggaa gcacgtgcct 180
 ccccatctca tatgagccag taagaaaagg cc 212

<210> 27171
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 27171
 agcctacttt gacactcatt taaagatgac agggaaacaat agagatttgt tctgtgcaac 60
 cctttcttgt atgccggcga catcagctcc gcacatgaaa ctgcccgata tttcattcca 120
 cctgccc 127

<210> 27172
 <211> 95
 <212> DNA
 <213> Homo sapiens

<400> 27172
 cttgttgagc ttctttaaga tgattatctg aaattatctg ttgagcagat tgtggtttgg 60
 tttggtymtr tcttttggtt tggttamtgg agcct 95

<210> 27173
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 27173
 attcgatccg cggcgtgcc ttccgtcgag cattccggtt cagacgttt cggttgacac 60
 tgtaacaaa cttctgctc cgggttttgc ctttggcctt gggcatcgcg ctgaccaccg 120
 caccagcagc tcaaacacgc agccc 145

<210> 27174

<211> 262

<212> DNA

<213> Homo sapiens

<400> 27174

atattatttta	tcacaattct	ggaagttaga	agcccaagat	tgcgatgcca	gcaagggtttt	60
ggcagaaatg	tgaatataag	caagcatact	atgagatata	tgatccagtc	actgtaacct	120
tctttggaac	tagtattgat	ccagcagcag	ctttcagtac	tgatcctaaa	aacaaataat	180
atgatcggat	cagatcatca	caaagggagc	aggaatttga	aggatgtatc	tgggttattc	240
aaaccgaaaa	cacctaactc	cc				262

<210> 27175

<211> 224

<212> DNA

<213> Homo sapiens

<400> 27175

atactacttc	tgctctatct	aatctactgt	taatctcatc	tagtgtattt	ttcttctcaa	60
atattgtatt	tttcaccttg	ataatttaat	ttaggttttc	ttacatttct	cacacctgtc	120
cttaatatgc	taatgttttc	ctctactttc	ttgaacatat	gaaatatagt	tataactgtt	180
tttaatgttc	ctgtctataa	atcatctttg	tcatatccgg	rtca		224

<210> 27176

<211> 250

<212> DNA

<213> Homo sapiens

<400> 27176

tacctaat	tttaataat	acaatgaccc	tagaacatcc	tgcccatgat	tctgcccag	60
tttatgcaa	cagaaaaaat	ttattttgga	aaaaaccgga	tcttaaaactg	aaattcatta	120
agccaatttt	tccaaaataa	agtaccagct	tagttaacca	aattgtgctt	tttcactttt	180
tccttccttc	aaaaggaaat	cccttattca	acaaaaattt	gtggaacact	catatgtttc	240
aggcaccgg						250

<210> 27177

<211> 178

<212> DNA

<213> Homo sapiens

<400> 27177

atccttggtg	cagagaggtc	tagaggagga	tatagtgaag	ggcaggctgc	ctatgttaag	60
acctcaagct	gcggctttgt	ttatgtaagg	aagtgcataa	attccagttc	taggttaa	120
gggtagctga	ctcattatta	gtgggtcaat	gaaccctttt	aggtccccta	agagagac	178

<210> 27178

<211> 287

<212> DNA

<213> Homo sapiens

<400> 27178

atactgattc	ttgggaataa	gatcgacaga	cctgaagcca	tcagtgaaga	gaggttgcca	60
gagatgtttg	gtttatatgg	tcagacaaca	ggaaagggga	gtatatctct	gaaagaactg	120
aatgscgga	cccttagaag	ttttcatgtg	tagtgtgctc	aaaagacaag	gttacggaga	180

aggcttccgc tggatggcac agtacattga ttaacacaaa ctcacattgg ttccaggtct 240
caacgttcag gcttactcag agatttgatt gctcaacatg cataact 287

<210> 27179
<211> 324
<212> DNA
<213> Homo sapiens

<400> 27179
tatgagattt tgaggatact ttgcttattt cggtgttatg tcatatacat aatagggttaa 60
ggaacatggc tgtgctttgg tcaatgatag gccaaagtat gacatttacg tcttgcgatga 120
ctcagagaar attaaataac aaatcattta atgtggaaac nagatagaat gtttcaattt 180
gcntgatgct acactttact cagccttcgt ttgtvmvttt ttaggaacag gagcdactac 240
taaaagaggg atttcaaaaa gaaagcagaa taatgaaaaa tgagatacag gatctccaga 300
cgaaaatgag acgacgaaag gcat 324

<210> 27180
<211> 380
<212> DNA
<213> Homo sapiens

<400> 27180
cacttagaat aatggtctcc aattccatcc aggttgacgt gaatatcatt atttcattcc 60
tttttatggc tgagtagtat tccacagtat atatatacca caatgtattt tatccacttg 120
ttgattgatg gamatttggg ctggttccat atgtttgcaa ttgtgaattg tgctgctata 180
aacatgcatg tggaagtatc tttttcatat aatgacttat tttcctctgg gtagatacca 240
gtagtgggat tgctagatca aatggtagtt ctatttttag ttctttatgg aatctctata 300
ctgttttcat agcggttgta ctagtttaca tttctaccag aggtgtaaaa gtgttctctt 360
ttcaccacat cccacactgt 380

<210> 27181
<211> 283
<212> DNA
<213> Homo sapiens

<400> 27181
atgtttaaga tctgttttaa atttaaaaca atgaattgaa tgctctaaga ggctcctaca 60
ggcgtccag gccactctca gagactccca ggagtgttg aactatattt ggagaaaaca 120
gccamtgaat attatcattt ctccctttaa gagagtttgt aaggggggaa catgcatttt 180
atcagacaat ttatccaaag catttcagaa catgagtgtc gatgagggca cctcttgtgc 240
tgagtccctc cagctatcag tgttcttctc aaggacacat ttg 283

<210> 27182
<211> 90
<212> DNA
<213> Homo sapiens

<400> 27182
gaatagagga aacaccctca ctgtatgata taaagttata gtcatttaaa aatgtgtgat 60
attagtacat tagtaggtaa atgagcagta 90

<210> 27183
<211> 398
<212> DNA

<213> Homo sapiens

<400> 27183

acttaatttg	agttcaggg	tcaacatggc	ctggacctga	ccatctggag	ttgcctgcca	60
gccccaaagc	tttctttggg	ctgctagtgt	cctcttccct	tccttgacct	gggttcccc	120
tctcctgcag	aacgattccc	tgatgaggca	gatgcgggaa	ttggaggacc	gatttgccag	180
tgaggccagt	ggctaccagg	acaacattgc	gcgcctggag	gaggaaatcc	ggcacctcaa	240
ggatgagatg	gcccgccatc	tgcgcgagta	ccaggacctg	ctcaacgtga	agatggccct	300
ggatgtggag	attgccacct	accggaagct	gctggaggga	gargagagcc	ggtgaggggc	360
caggcaggag	cccgagtggg	aggtgcgggg	tgctgggt			398

<210> 27184

<211> 386

<212> DNA

<213> Homo sapiens

<400> 27184

gacaggcctg	gtctaccact	ccagggtgatg	gctggagaaa	ccacgggtcca	gagaagtcag	60
tgatttgcca	gagattacat	agtcaaaggc	aaagctgagg	tccatgagcc	agaaaggaag	120
ccaaggcctt	gcacactttc	tctgagacct	tgcccagccc	ggcctacctt	atgcatgacg	180
atcttccgct	ggcctggctc	cgccacgtca	atcatcttct	ggaccacgta	gttggcatac	240
tggtccttca	tcatgggtga	taaggcactg	tggggaccgt	cgttcatggt	gcacacctca	300
tcgatgagca	cagcgcgctc	cgtacgtgag	gcgtgagtaa	cacacttctc	cacaacattg	360
ctgtaatgag	ataaaaccag	gaggac				386

<210> 27185

<211> 289

<212> DNA

<213> Homo sapiens

<400> 27185

agggagagct	gaaatgttca	tgaatatcaa	gcagaacaga	agttaactgc	atggactaaa	60
ctagcaaaaag	tctaacgtgt	aaaatgtttt	ctcccataaa	cagaaaactt	gagagctgat	120
gggaccgctg	gaaaagatcc	ttcacaacca	tcacgtggcc	acctgaactg	ttcagtgtca	180
ctgcaacggg	tttaggatca	gaatgttcca	gcaggagca	ctacagctgt	ttcaatcttc	240
agggagacta	ctcatcttgg	gaataattcc	ttcctttgtc	ccgtcagcc		289

<210> 27186

<211> 370

<212> DNA

<213> Homo sapiens

<400> 27186

taattcttga	tagmagtaaa	atgaaagcta	tatctattct	aaaccttatt	tagacattgg	60
taccagttac	ccagggtgaaa	atatggagta	actttgtttt	gtatggtaag	gtttaggaat	120
ggtggatraa	gggtatctct	atataaataa	agtgtcaac	aatgtgcaat	gattgtaaat	180
ttagtaagat	attacagcca	tttcatgaat	gctttaccat	tcaacatagt	atctattaca	240
aaacaccttt	cttgtatcca	tatacttcag	gtgttgctgt	taacatttac	tatgatattt	300
attttaacca	aaatgttact	cacattaaat	gtttattctt	taaaatgaat	gtattatggt	360
tttaaccac						370

<210> 27187

<211> 237

<212> DNA

<213> Homo sapiens

<400> 27187

ggaggccaak	gtgggaggat	cacgggggtca	ggagatcaag	accattctgg	ctaacacggt	60
gaaaccctgt	ctctactaaa	aatacaaaaa	aattagccgg	gcatgggtggc	gcacacctgt	120
aatcctagct	actcaggagg	ctgaggcggg	agaattgctt	gaacccttga	ggcagaagtt	180
gcagtgaagt	gagattgcac	cactgcactc	cagcctaggt	gacagagcaa	gactcca	237

<210> 27188

<211> 242

<212> DNA

<213> Homo sapiens

<400> 27188

atagtgaag	tagtatccaa	taaatagttt	tcccttccct	tcctcctccc	ttttggagtt	60
accagtgtcc	attatttcag	tctttatgtc	catgtgtacc	cagtattcca	ctcccactta	120
taagcaagag	catatgggtat	ttgatttttt	gtttctgtgt	taattcactt	aggaaaattg	180
cctccagctg	catccatatt	gctgcaaagg	acatgatttc	attatttytt	atggctgcat	240
ag						242

<210> 27189

<211> 348

<212> DNA

<213> Homo sapiens

<400> 27189

aacagaatat	caatggcaga	tataatgtga	tcctgtcatg	accagaaaagg	aggaaaaaca	60
gcaaccaccc	acctggactc	tccaatcaaa	aacaacaaaw	aaraaccac	cctggaaggc	120
tgaggagcca	gctaattccc	atctgctgct	gtgtgccact	ctgerttcac	ccttccgccc	180
aatgcctgga	ctggagtsma	gaataagatc	ctagtagcaa	gcagattacc	ttcccattgm	240
caacagtagt	ttacaattga	mgagcactgt	acgggtgtaga	cctgtaaact	ttaaraatta	300
tgaccatata	kaacaactat	gtyttatrtt	gtacctagtc	ccccctccc		348

<210> 27190

<211> 177

<212> DNA

<213> Homo sapiens

<400> 27190

tataaataat	tyyttttcct	tttttgtgat	ggaatctcac	tctgttgcca	ggctggagcg	60
ccatgggtgca	acctcagcct	cctgggttca	agttattctc	ctgcctcagc	ctcccaaata	120
gctgggacta	caggcatgtg	ccaccatgcc	cagctaattt	yytttttttt	ttttttt	177

<210> 27191

<211> 358

<212> DNA

<213> Homo sapiens

<400> 27191

gacaatgggt	gtcacggcag	ccagcgaccg	tttgtcattc	acagctgcbt	gaaaggagga	60
ccgcagtatt	cccacgcagg	aagcttggac	caaaagcagg	aatgcttaag	ggcgcatatg	120
acttgccatg	gtaaaaaaca	ggatgccaac	ccaggcctga	tgacatccac	ctcactaaaa	180
gctaaggact	aggactttct	gcttttaaca	aggatccaca	tgtgggtgtt	ttctgtggga	240
gaggagagaga	ggacattcga	agggcagaag	tctgaccttt	gcaagcacac	gtgaaccasr	300

ccrrtgagar atgaatggac gagccagatg ccaatttata aatttcctac tgcacacc 358

<210> 27192
<211> 340
<212> DNA
<213> Homo sapiens

<400> 27192
gccccgaaaa accgtgagtc agttcggagg agagaaagct ccaggaaccc gactctggcg 60
gcasagccag agcgctggga tccccgaccc agcgctccaga acttcattca agcgcccaga 120
ccgccctcca gaaaggggaa gccagatgg cccggcgagg atgggaactg gctgcggttt 180
gtcactagga attgttacga atgtcgcaga ctggkgaagc cctagctgaa gtcctaacct 240
ctaccagagc ggctgctatc aaccaaagt acaggagaac catcacgagt cgagttcact 300
ttccaactac tgggcaaagc aaatgcccg agcaaacc 340

<210> 27193
<211> 394
<212> DNA
<213> Homo sapiens

<400> 27193
acatacgttt gggtcgtggt ttttttcttg gatgcttggt gctkkccttc ttcagactaa 60
atcttgctgc tgctaactct ttgggtgtgt gccacgttta agagctgtaa cactcactgt 120
gaaagtcgag gcttcgttct tcagttgcag tgagcgagac tgtgaacca ccaggaggaa 180
ccgactctga actcgatgtt acagacacct ctaccgtggt cagatgggat ggtgtcgtga 240
aaaatcagga cttccatcac tgcccaaggg taataatcac agaacatctc ctgctccatg 300
gtgccactgg ctgccacgtg ggtagcagta aaggcactct tgggtccagc cagggtgcta 360
tcagcagcct actctacca wccattagta acaa 394

<210> 27194
<211> 346
<212> DNA
<213> Homo sapiens

<400> 27194
aacttctctc tgtyatcaaa gcccaaactc ctactcttgc tacttcgctg aatctacatc 60
atctcataac aacttgatga gaagtcatga ctgcatctga acagaaagat ctggaagcat 120
aaacacaaaa ctgtcctcac tggctccttc taggaagaaa actaagaagc tgatgggtgga 180
agatgggctt tcattttatt gttgttattt attctgcatt gcttgatttt ttatttttat 240
tttttaattg agtctcgtc tgtcaccag gctggagtgc agtggcatga tttcggctta 300
ctgcaacctc cgctcccg gttcamscga ttctccacc tcagcc 346

<210> 27195
<211> 280
<212> DNA
<213> Homo sapiens

<400> 27195
gttagagcca cttcagcagg aaagtcttct tttccctttt tgcaaaccat gagaatttgc 60
ttcagattgc cttgattaca gttttactat ktctttgcaa ctgcaggcca ttcagatact 120
aacagtcttt ctttaacatt atatttttag gtaatttgaa tcttcctgac gagtccagtg 180
atagttgatc acttactatt tgtattgata tatacatata ttcatagcaa attcttttct 240
tctaaaagt acataagcac aggactgaaa atttgattata 280

<210> 27196

<211> 179

<212> DNA

<213> Homo sapiens

<400> 27196

ctcactgcaa cctccgcctc atgggttcaa gtgattctcc tgcctcagcc tcccaagtag	60
ctgggattac aggtgcccgc caccacgcct ggctaatttt tttctatttt tagtagcgac	120
gaggtctcac tatgttggcc aggmtggtct tgaactcctg acatcatgat ccgcccaca	179

<210> 27197

<211> 333

<212> DNA

<213> Homo sapiens

<400> 27197

tttagtccag ggacccagac gctactggat aaggggtgaa atttgaggtc atatcccggg	60
agagaggaag aagtgtcgtg agtcaccgaa cccgaaggag asgavaagat gtggaggcag	120
cggtctatgg cctcttccag ctccggacgg gggatgggga cgctctgggc aatacgggcc	180
tcagttattg tcccrstgtc ctttcaacct ttaaccaacc cagthggagg mungcctggaa	240
gaatgtagcc ttggaactag ggcttggaa tggggctcct accggttggtg tgggcttggg	300
caagtcactt aaccttcccg catgctccct tca	333

<210> 27198

<211> 298

<212> DNA

<213> Homo sapiens

<400> 27198

agacaactga tgctgaataa cacagctaac ataatagatg gctgagtctc tgcctgcaat	60
tgagggttggc ttaaaaggct gactaagcaa gcacagaaaa ctgaacgtgg ccaagagctc	120
ctgttattcc agttgaggag agaccatata acattctaga gatggctgca tgcaagcatt	180
tgaaaccttt gagagaatac agtgcaccct ggagactatt attatgacta ttgggagaat	240
aatatcaaga gtttggaata tgctccttcc tcaagatccc cataaaacaa acctccta	298

<210> 27199

<211> 434

<212> DNA

<213> Homo sapiens

<400> 27199

caaagttatt tgtttacaaa cagcgaccat ataaaagcct cctgccccaa agcttgtggg	60
cacatgggca catacagact cacatacaga cacacacata tatgtacaga catrtactct	120
cacacacaca ggcaccagca tacacacggt tttctaggta cagctcccag gaacagctag	180
gtgggaaagt cccatcactg agggagccta accatgtccc tgaacaaaaa ttgggcactc	240
atctattcct tttctcttgt gtccctactc attgaaacca aactctggaa aggacccaat	300
gtaccagtat ttatacctct aatgaagcac agagagagga agagagctgc ttaaaactcac	360
acaacaatga actgcagaca bagctgttct ctccctctct ccttcccaga gcaatttata	420
ctttaccctc aggc	434

<210> 27200

<211> 288

<212> DNA

<213> Homo sapiens

<400> 27200

acttgaccac	tgtgaagact	ggtgtgggaa	gaaggggtcgt	ttctgatgca	cttgagcagg	60
ggtccccaac	ccctgagcca	tggagccgca	aggagccaca	cagcaggagc	tcctacctcc	120
cggcagcmwc	tccaggccca	gaactttctc	cagtcagcct	ctacagacca	agctcatgac	180
tcacaatggc	ctatttaggc	ccatacccta	cctcacggca	gtctccgcag	atgagcctac	240
tgcctcacaa	cagcctccac	aggcacagct	ccatcgttac	aatggcct		288

<210> 27201

<211> 340

<212> DNA

<213> Homo sapiens

<400> 27201

aattacaagc	acacgccacc	acgcccagct	aatttttcta	tttttagtag	agacggagtt	60
ctgccatggt	gcccaggctg	gtcttgaatt	cctgacctca	ggtgatcgcc	ctgccttggc	120
ctcccaaagt	gctgggatta	caggtgtgag	ccactgcgcc	cagctgaaac	ttgactgcag	180
ggaacattct	tgtacctgtg	ttttgttcac	aagtgattat	tcaaaagaat	caactcctag	240
acatggaatt	gctgggtcga	aggctattga	atgtaaaatt	tccatagata	ctgccaagtt	300
gtccttggag	gctgtgctga	gttcttcctt	ccccacaaac			340

<210> 27202

<211> 180

<212> DNA

<213> Homo sapiens

<400> 27202

ccatgtcatt	gcacttttga	tttacattga	gttttctttg	awyaaaaaaaa	cccatgtatt	60
cgtttaactc	attgaagcgt	ttgcaaaatt	catcttgtac	ttgtgtcatt	tttaagacct	120
aartaataaa	gctttataaw	tatctcttct	aaatgtcatc	ttctaagatt	tacctmmtgt	180

<210> 27203

<211> 147

<212> DNA

<213> Homo sapiens

<400> 27203

gtatggagac	acgttttagga	ggttagagca	aggctctagg	tgaaagatga	tgtgggcttg	60
agtttgggca	gaggtgttgg	gagcttatga	ggagtataca	gtttgggtgt	tatggtgggt	120
agggtgtgct	gataaggaag	gaggcatt				147

<210> 27204

<211> 147

<212> DNA

<213> Homo sapiens

<400> 27204

gttatgcaaa	taggcttccc	acttggcagg	ggmcgtcttg	tcmaactcgtt	tctgtaaaca	60
tgggtggcaa	aaagagaaga	tggagctgcc	atttagaaca	tgccaatcc	cagcttcac	120
ttgctgagca	aaaatgaaga	agcctgg				147

<210> 27205

<211> 106

<212> DNA

<213> Homo sapiens

<400> 27205

ttgtcccagg	ctggagtgca	gtggtgtggt	cttggtctac	tgcagcctcc	gcctccctcc	60
aacctcgcct	cctgggttcg	ggctattctc	ctgcctcggc	ccctga		106

<210> 27206

<211> 456

<212> DNA

<213> Homo sapiens

<400> 27206

cttaaagatt	gattttatca	tcaagttatg	acgaacttgg	ggaagaggaa	ggaaccaggc	60
aaaacaaaga	ggataaacac	acagccatac	tcctgggcca	gagggcccag	adacaagarc	120
aacattgaaa	aagtccagga	accagttcct	gtgcccacaa	gtacgaatgt	gtcttttcga	180
attcccttga	taaagaagcc	tcagacaagg	aagaaaatag	aatgaaatt	ggacacataa	240
ataggacacc	cagcaaaggc	cagaagagag	gcccttctag	gagaaggac	atstgtgctt	300
ccagctgaga	tcagcccattg	tctctggctg	ctctcttgcc	tgtggatcct	gtcttctttc	360
atgtttacta	cgaggcatga	cattcatggc	aaaacaggga	tgccgtttcc	aagagcagct	420
ataaaacaat	ctgttttcct	aaagacagca	ctctga			456

<210> 27207

<211> 114

<212> DNA

<213> Homo sapiens

<400> 27207

gacacctgag	gaggggaagaa	aaggagaagg	acaaagtggg	sagggasgag	atggagcaat	60
ctcttatgtg	atcattccat	caactcacia	atttttcacc	taacacctgg	tggc	114

<210> 27208

<211> 99

<212> DNA

<213> Homo sapiens

<400> 27208

agaaaaatgg	cgactgtggc	agagttgaag	gctgttttaa	aggacacctt	ggaaaaaaag	60
ggggtattag	ggcattttaa	agcaaggatc	cgagctgaa			99

<210> 27209

<211> 306

<212> DNA

<213> Homo sapiens

<400> 27209

cactacgcct	ggctawtttt	ttgtattttt	agtagagacg	gggtttcacc	gttttagccg	60
ggatggtctc	gatctcctga	cctcgtgatc	cgcccgcctc	ggcctcccaa	agtgtctggg	120
ttacaggcgt	gagccaccgc	gcccggccga	gcattctttt	caagtgttta	tttgaagggt	180
tcaggccttt	tcccacattt	taattgagtt	gtgtttgtta	tttcattttg	atcattttta	240
aatatattct	tggtacaagt	cctttataag	acgcatgctt	tgcccatatt	ttctccaggc	300
ccatac						306

<210> 27210

<211> 242

<212> DNA

<213> Homo sapiens

<400> 27210

tgtaattttc	cttgccaaaa	agcttagttt	catcttttat	aaatataccta	taatgccaaag	60
ttgattgcat	ggtcagagtg	aatctgtgct	gtacccawat	tcagtagcct	tctcctatcc	120
aacaaagtgt	tttgtaaata	ggaggtaaat	gaatgagtg	atggatggag	ggatgaatga	180
atggaatttt	cttgctcttg	atctctgtct	taacagtgat	ttggtttttg	aagacacacc	240
cg						242

<210> 27211

<211> 226

<212> DNA

<213> Homo sapiens

<400> 27211

aggattaatg	catggttatt	tggaccagaa	awwagtgcc	tagaagacca	ataactgttt	60
agttgaggct	agtctggaac	ctttcattag	agcaatat	ggttattgca	cttcattttt	120
awttactaag	aaatgcaatt	tgggaatttt	taatctgtta	tgctttgttt	atcaaccttg	180
attttaatta	agacttttat	aagactagct	taaaacacca	accac		226

<210> 27212

<211> 183

<212> DNA

<213> Homo sapiens

<400> 27212

atctagcggc	cggcakttcc	gagcgacttg	gggtccttgt	gcctcggagt	ggcgtctggg	60
agcaawkgcg	gcgagggcaa	ccccgcagtt	gaggacagta	gggatcgggtg	gctttggacc	120
ctgcccacgg	atacctgggg	ccccatgcc	cgaaggaatg	gtgccttctg	ccctcccccg	180
cgc						183

<210> 27213

<211> 299

<212> DNA

<213> Homo sapiens

<400> 27213

agttccaccc	cttggcctgc	ngggtcctct	caggcaccca	gcggagtttc	gagtcasact	60
tgagctcggg	cgtacggcta	gaccgggctg	tggcgatasa	gtccaaagat	ggaggaagga	120
ggtcccaarc	csarggaatg	cagcatgggc	ctctagaagc	tggaatgacc	ctcacctcac	180
ggccagcaag	aaatcaggga	actcagctct	acccgagtga	gcaggaaatc	gattctcctc	240
tgcagcctct	atagagaaca	cagcctgtca	acaccctgat	tttggcccaa	tgagcccggt	299

<210> 27214

<211> 399

<212> DNA

<213> Homo sapiens

<400> 27214

aaaaacatct	ccarcttcca	taacctaaaa	tggccctctc	ttctgtagga	ctagatatgt	60
caagccatcg	gaatacccat	gcgcacaaa	caggacatct	tcttccttgg	taaactgctg	120
ggatrgtagt	ttccagcagt	camtggggag	tgaraacagt	tgtggaattc	caaactgact	180
gatgtctgct	ggtggttggt	ttcctccaaa	tgacccaaa	caacatgaca	agaaaatgaa	240

<400> 27219

agtgttcagc	catgcaggag	gcctctcctc	actagcctac	tcacactaca	accttttctg	60
tgtatttttc	tcactactta	cccttagtac	ctagcacagc	tcctcgtag	agggttaaagg	120
ccgaatttct	tagccattct	tgactgccac	ttgcaggacc	tcactactcc	ttgggtctcct	180
gttatgggtg	atgcstccac	taagticttg	ccgatgtgct	gtaagcagaa	gtaacgtgta	240
gcacttccag	gaaatctctt	tataagacag	ttgtcagatg	ccagtktttt	tccccctcca	300
ctgcattatt	actgccargt	tcatagccat	tctgaggatt	tcaraaggct	gatctctgga	360
gaactgaggg	gdtcgaaaga	ttgacttctc	aggagcaggg	ctgagaatgg	aatgggccgg	420
c						421

<210> 27220

<211> 330

<212> DNA

<213> Homo sapiens

<400> 27220

aaaacgttag	actacactgc	agcatcagaa	ctaaaatcta	cttcagatgg	agttttcactc	60
ttgtcgcca	ggctggagtg	caatgggtgtg	accttggctc	actgcaacct	ccgccttccg	120
ggttcaarca	attctcctgc	ctcagcctcc	cgagtagctg	ggattacagg	cagccaccac	180
cacgccaaagt	taatttttgt	attttttagta	gagacgggg	ttcaccatgt	tggccaggct	240
ggctctgaac	tcctgacctc	agggtgattcg	cctgcctggg	cctcccaaag	tgctggaatt	300
acaggcatga	gccaccgcac	ccgacccccac				330

<210> 27221

<211> 194

<212> DNA

<213> Homo sapiens

<400> 27221

gtcagactca	gccagacaag	gacagagcct	aaaggagcta	agtggaagag	tgagcacgcg	60
ttatgttctc	tggccttggc	aatggaggta	gaatgtcaat	gggcaaattg	atgtctggga	120
gcaatgggaa	aagagaagca	cctgagctctg	ggaaaggagc	catgaacagt	gggctaagt	180
aaaagtgcct	gggg					194

<210> 27222

<211> 285

<212> DNA

<213> Homo sapiens

<400> 27222

aaccgcgtgg	ggtccctttc	cacagtgtgg	aagctttggt	cttttgctct	ttacaacaaa	60
tcctgctact	gctcgctctt	tgggttaact	gcttttatga	gctgtaaac	tcactgtgac	120
aattttgcag	cttcaactct	cagcccagcg	agaccagag	cctactgaga	ggaacgaaca	180
actccagacg	cactggttta	agagctgtaa	cacttaacga	agaaaagtctg	cagcttcact	240
cctgagccag	cgagaccccg	accacatctg	agaccctgag	cacca		285

<210> 27223

<211> 270

<212> DNA

<213> Homo sapiens

<400> 27223

cataaacaka	ggatgccttt	ccattttattt	gtcttggttt	tattttgaga	tagagtcttg	60
------------	------------	-------------	------------	------------	------------	----

ctcatttgtc	caagctggag	tgtagtagtg	tgatcacggc	tactgcagc	ctcaacctcc	120
tggtctcagg	ctatcctccc	gcctcagcct	ctcaagtagc	tggtatgcag	gcacatgcca	180
ccatgcctgg	ctagtttttg	tattttttgta	ttttttttgta	gaagttgggt	ttactgtgt	240
tgcccacact	ggtttcaaac	tcctaggccc				270

<210> 27224

<211> 271

<212> DNA

<213> Homo sapiens

<400> 27224

aaacacaaga	ggcaaagatc	actcgggacc	accttgtata	ttggctacca	cagaacccaa	60
cacaagcagt	aagttaaaat	catgaagctc	ctgacgtcag	aggacatggc	tctgccattt	120
gttaggtagg	gatcctgtta	aaggctcagc	ttcctcatct	ggaaatggaa	atataggcct	180
tgcttggttt	gctgtaatgg	gtcgtgatga	ggaccaaact	acaaagagtg	gtacagatgt	240
taattacaat	gatttttctt	atgccaccca	t			271

<210> 27225

<211> 128

<212> DNA

<213> Homo sapiens

<400> 27225

tcccaagtgt	aggaaaaata	tgtagacata	cagatatata	ggccaactat	tagtaataat	60
atgaaatata	cttaaagagc	ttttaaaact	ttgtattttt	gtacaaaata	tttgtctttt	120
acaatttt						128

<210> 27226

<211> 149

<212> DNA

<213> Homo sapiens

<400> 27226

tgtagtgaca	cagtcatagc	tcgtgcggc	ctgacacctt	cgggctcagg	tgatccttct	60
acctcggcca	cctcagtagc	tggtactata	ggcgtgtgct	accacacctg	gctaaawttt	120
rgwaattttw	wtgtagagat	ssggtagss				149

<210> 27227

<211> 251

<212> DNA

<213> Homo sapiens

<400> 27227

gcacttttcc	ttcctgccgc	cttgtaaaga	gggtgtcttg	cttcaccttc	accttccacc	60
acgattataa	gtttcctgag	gcctccccag	ccatgctgaa	ctgggcamac	tctgaccaga	120
agtaagcctt	tcaaaatcaa	tattgtgaga	agagctgcc	aaatttgacc	agtaacagga	180
atcttgaagt	catcagtttt	tcagaagact	gaggtggggc	agtaaatcca	gggcagatgt	240
atgagggggc	t					251

<210> 27228

<211> 345

<212> DNA

<213> Homo sapiens

<213> Homo sapiens

<400> 27233

tttagccata	gggtctttta	tagacagggg	tagtaaaatg	aaaattgaga	aatataagat	60
gaaaaggaat	ggtaaaaata	tcttttaggg	ggcaag			96

<210> 27234

<211> 241

<212> DNA

<213> Homo sapiens

<400> 27234

tggcacatgc	ctgtaatccc	agctgctcgg	gagctgcagg	cacaggaatc	acttgaactt	60
gggaggcaga	ggttgcagtg	agcctgggca	acagagttag	actctttctc	aaaaaagaaa	120
aaaaacataa	gtagggggtt	tgataatggt	tttaaataa	caaccctcct	ggctgggtca	180
cgatgttcat	ttgccggggc	cagtggctta	cacctgtaat	cccagcactt	tgggaggccg	240
a						241

<210> 27235

<211> 243

<212> DNA

<213> Homo sapiens

<400> 27235

tttaattcgt	tctccahccm	csmctttcat	ttcagtgaag	gtcgcagcag	aagaggggaa	60
tttctggagt	ttttgagaat	gccaaaccac	atTTTTatca	cacttctttg	gaaatcaatg	120
cctttgcata	gaaaatcaaa	ttcaggggacc	acaaagaatt	ttcagtggga	atgtctagtc	180
tgaggggtct	gaggttggtt	ttactttatt	gtgttggtta	aatattttta	vaatatcttt	240
agc						243

<210> 27236

<211> 265

<212> DNA

<213> Homo sapiens

<400> 27236

gattgcggga	ctcagcccag	ggataattct	gtgcccctgt	gagacagctt	agatgggtgac	60
aarctacaga	tattgaagcc	agtgggacct	gggtttgaag	tctgactctg	ccatttargt	120
aaagaccttg	agmrataatw	tattctctaa	cttctcagat	cagttggcca	cctaccaccc	180
ccagcccaga	gggagaaaaga	gaatccctgc	agccccaggg	aaaagcccct	gggaagctac	240
taccagagag	atgtccgggrg	cgccc				265

<210> 27237

<211> 161

<212> DNA

<213> Homo sapiens

<400> 27237

tataaataat	ttttttcctt	ttttgtgatg	gaatctcact	ctgttgccag	gctgragcgc	60
catgggtgaa	cctcagcctc	ctgggttcaa	gttattctcc	tgcctcagcc	tcccaaatag	120
ctgggactac	aggcatgtgc	caccatgccc	agctaatttt	t		161

<210> 27238

<211> 211

<212> DNA

<213> Homo sapiens

<400> 27238

aagagggtgg tgsmcgcccc cttcctccca ccacgccttc cccagtagca gcggragctt	60
ccacttagac ttgagcgggg gtgggggtctc tgggggaccc attggtgggg cgaggcggtt	120
gcctcggcgc cggaagaagc ttctagttaa gatgtatccc tgataagtac tgtctggcaa	180
ttccgcarcc tcgcccgaac tgaggggagc c	211

<210> 27239

<211> 154

<212> DNA

<213> Homo sapiens

<400> 27239

tataaataat ttttttttck tttttgtgat ggaatctcac tctgttgcca ggctggagcg	60
ccatgggtgca acctcagcct cctgggttca agttattcts ctgcctcagc ctcccaaata	120
gctgggacta caggcatgtg ccaccatgcc cagc	154

<210> 27240

<211> 173

<212> DNA

<213> Homo sapiens

<400> 27240

caggcttttt gagatattct ttttctggga attttcatta gaataatgca aatcttggtt	60
accatthagt ttgcatccc aaacctgttc taaactattg gctgttagct ttgagctcag	120
agagaaaaat acatthagaa gtttttattg tgttttcttt agttacgta agc	173

<210> 27241

<211> 161

<212> DNA

<213> Homo sapiens

<400> 27241

gaattacagg cgtgaaccac cgcgcttggc cttagtaagt ctgttcttag ttgaaaatat	60
gaggggagct gagaagaata gtccatgctg gagaaaaaat gaatgtcagg acaactaaga	120
agtgggtatg atcattcaaa gagaaggaaa aaggatgagg g	161

<210> 27242

<211> 72

<212> DNA

<213> Homo sapiens

<400> 27242

gagttgtgat cgtactactg cactccagcc tgggcaacaa tatgagaccc tgtctcaaga	60
aaaaaaaaaa aa	72

<210> 27243

<211> 355

<212> DNA

<213> Homo sapiens

<400> 27243

cctcaaaaac	cgcaacgctc	gaccccagga	ttcccccggc	tcgcctgccc	gccatggccg	60
acaaggaagc	agccttcgac	gacgcagtg	aagaacgagt	gatcaacgag	gaatacaaaa	120
tatggaaaaa	gaacacccct	tttctttatg	atttggtgat	gacccatgct	ctggagtggc	180
ccagcctaac	tgcccagtg	cttccagatg	taaccagggtg	acatgactct	cccgaacgtt	240
attttgatgt	attttcagtg	tagatttctc	atattgattt	tcttttttcc	gctcttcagt	300
cacccggaga	aggcatgtga	tcaaaacctc	ttggtgacat	tttttctagg	ccaca	355

<210> 27244
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 27244		
taaagacata	actcatatca gtcgcatcat tggacccatc cacaccttcc aggaacaccg 60	
ccttcagctg	ggcccagact gttgcccact ccatattcca aaagtagggg agggccagca 120	
ccagcatcgg	agcacagcac catcctcacc cccatccaca agcagaccaa ggccgactgt 180	
tectggcttc	ctaaaggctt cctaaagaca atgagggtact ccagcccccac tgcagcctca 240	
ggctttgctc	tectgcccc	260

<210> 27245
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 27245		
aaactccagg	tgcccatagt tgtgatacca agagyagtag ctgttcacac ggatcacatc 60	
cacatacaga	gcctaggacc agagcagcag agcccgttca gcaatcacia gaccgcatga 120	
ctcagtactc	acatgctgtg ggggctcctc tgacagagaa gactggctgc ggctgaatgc 180	
ggtggcacac	scctgtaacc ccagcccat	209

<210> 27246
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 27246		
ccctttggct	gaggcttttt cccccgtcgc tggctctgcc cgaagtttct agagttttct 60	
gaccttcaag	gcgagaactg ctgtgtcatt cttagggaca ctcccccaaca aactgcgcca 120	
cccaggtctc	tcctctctct cgcagccgg ccct	154

<210> 27247
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 27247		
cttatcaaac	tgcatacttt gaaatgtgta gtttattgta catcagcact accttaataa 60	
ggttggtttt	taaaaaaaaa aaaa	84

<210> 27248
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 27248
 cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
 cagccccctga caatcaccat tctaccttct agctctgtga atgtcacaag tacatcatta 120
 tgtgggatca tacagtattt ttttgtgact ggcttattat acttagcatg atctacgttg 180
 tagcaggtgt cagaatttsg ttcctttgaa aggctgaata atattccact gggtttagat 240
 acaccacgtt ttgttgaccc attcaccat caagggaccc aagttgcttc cacatttttag 300
 cyacagtga taatgctact agaaacataa gggcacaag ctgrgtc 347

<210> 27249
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 27249
 ttcttacttt tytsasagac agggctctac tctgtcacc aggctggagt gcsstggcgt 60
 gatctcagct ccctacagta tctgccccct gggctcaagt gccacttca gcctcctgas 120
 tagctgcsac cgcsggcatg caccaccatg cctagcttt 159

<210> 27250
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 27250
 gaccccatct cttaaaaaca aatgggtgwc gccnstkgtc ccagctgctc agggggctgr 60
 bgtgggagga tcgcttgggc ccatgagttc aaggcggcag tgatctgca tcatgccact 120
 gcactccaac ctggacaaca gagtgaagacc ctgccaa 157

<210> 27251
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 27251
 ctggttatct ttggctcttt ttatactagc tattctaaac aggtgtgcaa tgatatctcc 60
 atatgatttt gatttgcac tcccttgtga ttaatgattt caagcttttt aaatgtattt 120
 cttagccact tatacgctt cttttgagaa atgtgtattc aggccttttg tctatttctt 180
 aatcaaatta tttgtttttc ttttataaag ttgtttgact tctttatata ttttgacgt 240
 taatccctta tcagatgtat ggctt 265

<210> 27252
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 27252
 agttggtagg ctgcctgtca atctttcaga gagctcttcg ctgagtggag ctcagcggtc 60
 acctccccct cgtggcgct cctcacggcc atctgaagat tcctccggca cagccgatcg 120
 cccccgctcc ggctctccac acagatggct gtcaaggctg ccataaggca acctagtcct 180
 tatggcgata ggataaaacg gccatattca gattatccgc tgagggtgga gaggaagtgg 240
 aaaagtgtat cagaaggcca g 261

<210> 27253
 <211> 129

<212> DNA

<213> Homo sapiens

<400> 27253

ctgtattcaa tctgttgtga tatgatgggt agcctctgaa acactccact gtatacttgt	60
gaaagaatga atgtgaaaaa ggaaaataga tttgtagtat tatkatccaa attgttttga	120
cctcagaga	129

<210> 27254

<211> 112

<212> DNA

<213> Homo sapiens

<400> 27254

acaaacgccg gggcctgmga tcgcggtgga tgcacgcgcg ggagcctggc ttggataccg	60
gctgtcccaa gaatgacatc actatcagaa agggactctg cagctgagac at	112

<210> 27255

<211> 208

<212> DNA

<213> Homo sapiens

<400> 27255

taagtgtttt tgatagctta gtttacaacc ctttggagtt aactgtcctg agtggctgct	60
tctttcaaaa caatgtcctg agacattgga gcactttgta sattcgtaga ttmvvaacnt	120
aatgttttag gttamagtms ttaagataat agctgtactg gccaccact gtgctaggaa	180
atgtagcttc gactacagcg tctctctc	208

<210> 27256

<211> 115

<212> DNA

<213> Homo sapiens

<400> 27256

atgctactta taatgcatta acatgctaag atacactctc accagtgccca tgacaattta	60
caaatgccgt ggcgacgttg agaagttaca ctacawgtc twaaatggg aggac	115

<210> 27257

<211> 56

<212> DNA

<213> Homo sapiens

<400> 27257

gtgtgtgtgt gtgtgktcat aaggmtttat tttaraaat tggttcacas aattat	56
--	----

<210> 27258

<211> 82

<212> DNA

<213> Homo sapiens

<400> 27258

tcggctcact gcaagctccg cctcccgggt tcacgccatt ctctgcctc agcctcccaa	60
gtagctggga caacaggcga ct	82

<210> 27259

<211> 152

<212> DNA

<213> Homo sapiens

<400> 27259

gccctgaagt ccttcctact tcacccctcc ccagtcactc ctatatatgg catctcaccc	60
cacctttctc aaacattcct ctcnagcaac cctgagattc asaatcctgg ccattctctg	120
acccaagcag tcctgcccct tccascaaac ac	152

<210> 27260

<211> 215

<212> DNA

<213> Homo sapiens

<400> 27260

taatacctgt aatgaataat ttgatacagc agttacagtt acaagtcatt gttttgtttg	60
gtttgrwttt ttgagacgga gtcttgctct gtcaccagg atgaavtgca gtggtgcat	120
ctcggtcac tgcaacctcc gcctcctggg ctgaagtgat tctcctgctt tagcctcctg	180
agtagstggg actgcaggcg tgtgacacca tgccc	215

<210> 27261

<211> 53

<212> DNA

<213> Homo sapiens

<400> 27261

tatcaagaat ccgcaccctc accctcagtc ctcagacact ggggtctccg gct	53
--	----

<210> 27262

<211> 271

<212> DNA

<213> Homo sapiens

<400> 27262

ctatatatatt ttccttggtt ttgttgctg ttaaggctga agaatagmat tggccaggac	60
ctaggttctc atattcttgg tattctctct ggatggcaaa rgmtgttggc atcaataggg	120
gacagaggct gatgctggag tggccagtag aggtggtgga gcagagcagc catcttttaa	180
gtggggctgt atcaggctgg gtttatTTaa mmgcaacaaa atgttttggg taagaaaatt	240
atTTtgctt cagtgtaaat cttcgagtg c	271

<210> 27263

<211> 61

<212> DNA

<213> Homo sapiens

<400> 27263

ctttgtgatg tttgcattta actcacagag ttamacattc cttttcatatc agcaattttg	60
t	61

<210> 27264

<211> 324

<212> DNA

<213> Homo sapiens

<400> 27264
aacaacactc aactcgggat tggcaccag ccagtgcctt acactataca agatgccact 60
gtaggacag ggatgacctc tagcaagggtg accctcagtg ggccagaggg ggcttctgam 120
gagaatttct ctagcttctt ggtgtttcct gctgtctact ttcaaacaag ggtcccatTT 180
ttaatgtttt cccagtaata ccttatgaat gttattgcaa agcagcgggc taaatcaaca 240
ccacaggccc cgtgatcaat atatgtgatg aggacatwmc atcctgggtg tgttgcccca 300
agtcttgacg tgaatctgam cacc 324

<210> 27265
<211> 258
<212> DNA
<213> Homo sapiens

<400> 27265
aatagagcgc cctgaaaag ccccttgtcc tgtcctctct tctgctctgc ccaggtctgc 60
atgagagttg taaggcccag ggctagggtg cagggttgct ctgaccactt cccaaactg 120
tccctccact gggagatctg caaagagggg ttttcatgca tttcacagg tggccttgga 180
gtgtctgtac catcgagaga agaggattgg gattgatttg gtccatgaca acgtggagaa 240
aaaccttatc cggaaggg 258

<210> 27266
<211> 281
<212> DNA
<213> Homo sapiens

<400> 27266
aggatgtgtc atcagcttag gattctgtta tttacttaat twgagcctaa tgatatgaaa 60
catcgttgta atgttgaagt yttcttatcc ttttcaaggw gmttcaattc cctgaggaaa 120
gagaacttac ctggagacac acagccarca agatgagcat ctggagcaga gaggaatttt 180
actttaacgg amratagcgg tgagggcttg caacactaag gaattaatga gagatcagcc 240
ccttttagcga ctcaaagcat rwtataactc cagctggtca a 281

<210> 27267
<211> 127
<212> DNA
<213> Homo sapiens

<400> 27267
tcactatttc ttgttttagc ctctgaagct acctaaaata agtggtcctt tttctataaa 60
ctgctaatta attatshitt tgatttgaca tagacatttc tcttttttc cccaaaaaat 120
acggcat 127

<210> 27268
<211> 348
<212> DNA
<213> Homo sapiens

<400> 27268
atacagggtg tttgttctat agcacaaagt atttccccac tcttgctgca cagcacaaac 60
taccaaattt taattattgg attccagcaa taatttttaa tggttttcaa actggcggaa 120
ttttgacagt gctagttcga gtttgaagct tttgaattag atctctaaat ggtgacagtt 180
tacatggttt tatctagctt tcttatttat acttgactga attgtaatga tttttwttct 240
aattgtaatt tgacgtaata gccatacaaa avatgactct attcatacta ggtttagctt 300

ctcatgggttg tagatattac ttcagttccc ggtgctggaa aatatgta 348

<210> 27269

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27269

agtbaaatgt accakgtaaa tcagmagcca cttsggactt cgacacaatt tggaaatgaa	60
tttcacactt aaatcccac tccttacttt ccaaggtaga tbatttrcbg ctgggttcagt	120
caacatcawa acaaattcat tcatgtaagt ctaagcatta ctgtrarccc ctgttgattg	180
tcaragcmaa attcaaagca gccc	204

<210> 27270

<211> 232

<212> DNA

<213> Homo sapiens

<400> 27270

cgagtagctg ggattatagg cgtgcaccac cacactcggc ttatttttgt attttgagtg	60
gagacggggt ttcacatgt tggccgggct ggtctcgaac tcctgacctc aggtgatcca	120
ccctcctcgg cctcccaaaa tgctrraatt ataggcatga gccacatgc ctggcctata	180
tcattttact taacagctgt atttagtctt ccatgatgtg acacccact gr	232

<210> 27271

<211> 210

<212> DNA

<213> Homo sapiens

<400> 27271

caatggccaa gcgtcaaaat cctacgtcag tgctaggact gcttttttct atatcagaca	60
cgtgggctcc tgctgtgtct tcctggaaag cagaggccaa ggatggagca gaccaagagg	120
atgccaggww awaatcacia agaagcccag awagcacagc tggaagccaa gaaccctatt	180
tttggtttgt gtgggtggaa ggtgaggagc	210

<210> 27272

<211> 137

<212> DNA

<213> Homo sapiens

<400> 27272

aaggacattt gagcagctcc ttagagaagc cctcagtcac caccagcact gatttgccag	60
ccatgtacat gggccacctt ggaagtggat ccaccacag cagtcaaacc cctgcctgca	120
acccagctct acctctg	137

<210> 27273

<211> 340

<212> DNA

<213> Homo sapiens

<400> 27273

ccactggaaa ttttcatgga ggtaaatgac aaacgcagat tactttgagg atgtagagta	60
gataaaaggc tagctaagcc gattgtatag tgctagggtg atgagttttt gcttaactca	120
catagataaa aggatgtgaa gattacttgt ctctgattat ttattatgga ccaaataaac	180

BOOKS BY THE AUTHOR

<210> 27278

<211> 265

<212> DNA

<213> Homo sapiens

<400> 27278

tatttttaaa	tggttacatt	gtaaaactgtt	atataagtac	ctgataatat	cattaatfff	60
gtktcttggc	ctgccatgct	taaaatatta	actctctggc	cctttaagaa	aaaaacgtgc	120
tgaccctgc	tctagatcaa	agaaaacaaa	cctcaaaaat	actttcctcc	ctctacccca	180
cttgaccctt	gtcccggggc	agtaggcac	tccgtcaaaa	ctcttgctcc	tggtctgtgg	240
taactttctc	agctcccca	cccgt				265

<210> 27279

<211> 236

<212> DNA

<213> Homo sapiens

<400> 27279

taaaaatatc	taactagtaa	accttaaaaa	acatagttat	ttataaagta	gctggggcca	60
ggtgcggtgg	ctcacgcctg	taatcccagc	actttgggag	gcagaggctg	gcagatcaca	120
aggtcagaca	ttggagacca	gcctggccaa	tatggtgaaa	ccccatctct	actaaaaata	180
caaaagttag	ctgggcatgg	tggcaggcac	ctatagtccc	agctactctg	gaggct	236

<210> 27280

<211> 185

<212> DNA

<213> Homo sapiens

<400> 27280

cacggtgtct	gaaaaaatta	gctagctaca	cttgaatagt	catttttaaa	gttactttgc	60
aaaaatfff	aaagctatgc	agaaaaatat	tccactttcc	ccaaaattat	gcctaatacgt	120
attctctata	atgaatgcn	cttaccacta	gggaaggaaa	tggaacagag	ggaacataag	180
ggagg						185

<210> 27281

<211> 275

<212> DNA

<213> Homo sapiens

<400> 27281

gaggggagca	gagacttcaa	ggggaggaag	cctgagtgc	tcagcaatca	ttgggggaca	60
ttagggcaga	gggaggaagt	acaggccggg	tgcgwggct	cacgcctgta	atcccagcac	120
tttgggaggc	tgaggcaggc	agatgacttg	aagtcaaaa	ttcgagacca	gcctggccaa	180
catggtgaaa	caccatctcw	acwaaaagta	caaaaaaatt	atccaggcat	ggtgacacat	240
gagccargat	cgaaccattg	cactccagcc	tgggt			275

<210> 27282

<211> 286

<212> DNA

<213> Homo sapiens

<400> 27282

cgctgggcgt	ggtggctgaa	gcctgtaatc	ccagcacttt	gggaagctga	ggtgggtgga	60
tcacctgagg	tcaggagtgc	aagaccagcc	tggccaacat	ggtgaaaggc	cgtctctacw	120

aaatattaat	gtctgtgcmc	atcgagact	ttcagaatct	aatggtgtaa	gmagaactca	60
gttggaggga	tagatgcatg	tttttctgtt	atagctcagt	ggaaaagagt	tacaattaat	120
agattaattg	ccaattaaat	ggttttaaatt	cwggttagagg	aagtct		166

<210> 27288
 <211> 466
 <212> DNA
 <213> Homo sapiens

<400> 27288						
aaaagagtac	cagtccctgg	accagacccat	gctctttcca	cacttacttc	taatataaaa	60
catatattgtg	aaaaggagaa	gaaagaaaag	aaaaatgaaa	agaaaagaaa	aagaaagaaa	120
aagaaggact	atcaaggact	atgtggatct	gacaggcact	tctgctcagc	tctcctctag	180
agactcctag	aacatcatcg	tttcctgatt	tctttgctgg	ctgcttttat	aaccaaactc	240
caaacatcaa	aattatcatc	ttagtccctgg	gtgttctgtc	ctaattgtgtt	aactgcaaaa	300
atgacctcaa	ttcttaggaa	cttctgccat	cagtagctgg	agtctattgg	gtttcaagtc	360
tgggcctcaa	gaggcattgc	aaactttcat	cctctctttt	gagawttcgg	maccatcacc	420
aatgaacaa	gtcccaggta	gctgcttgga	ggatgtacaa	ccatgt		466

<210> 27289
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 27289						
aattgtatatt	ttagtagaga	cgggggtttca	ccatgtttage	caggatgggc	tcgatctcct	60
gacctcgtga	tctgcctgcc	ttggcctccc	aaagtgtctg	gattacaggc	gtgasnaccg	120
cgcccgcccg	gcctccttta	atttcttaac	cataaatatc	ctccccccct		170

<210> 27290
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 27290						
caagttatatt	aaaaccccag	tcttagctaa	aaatggaatc	tgaggctgca	aagatgacag	60
aagatcataa	tataaactgc	atggtgtaca	gtctagaaca	cagtcttagt	ttcccacaat	120
ttattaaacg	ccc					133

<210> 27291
 <211> 340
 <212> DNA
 <213> Homo sapiens

<400> 27291						
aacatatgct	agaaagtgtg	tgctctgctg	aaattgggcc	ccgagatatt	tttgaaaact	60
ttgatgccca	tgaggaggga	aaactgccaa	tttgaagtga	gaagagtgtt	ttcgtgtctc	120
taaatgtaga	gtttatgggt	tagtttttga	gaaaattact	atttcgagaa	ataatcactg	180
tgttggacac	ttaagagaaa	ttgagcagga	cccaatttgg	aattcagaca	attaagactt	240
tgaggagtta	aactatgaaa	atttgtctcc	attgaggatg	gagatatatt	tctgtggatt	300
gtgtccttta	ggagaatgtt	tcttttctga	acaaggagca			340

<210> 27292
 <211> 182

<212> DNA
<213> Homo sapiens

<400> 27292
acactgcctt tatgagctgt aacactcact gggaaatgtct gcagcttcac tcttgaagcc 60
agcgagacca cgaacccacc aggaggaaca aacaactcca gacgcgcagc ttaagagctg 120
taacactcac cgcgaaggctc tgcagcttca ctcttgagcc agccagacca cgaacccacc 180
gt 182

<210> 27293
<211> 431
<212> DNA
<213> Homo sapiens

<400> 27293
atatttatcca gactctattc aagatagagt cactgggttca aaggcctctg acaaggggac 60
agaaccactt gtggccaagt cctcccaaatt gcaacaacca gtggacagga gaggaggagwk 120
aggcctggag tgaatgttaa tggaaatttcc tccatgttga aggaagcata aggctgcagt 180
gcaatggcat aatctcggct caccacaacc tccgcctccc aggttcaagt gattctcctg 240
cttcagcctc ccgagtagct gggattacag gcgtgcctta ccgcacccgg ctaattttgc 300
atatttatta gagacggart ttctccatgt tggacaggct ggtttcgaac tcccaacctc 360
agataggatt ctggttttcg ttcaagatag tgtccctgah actagaatca taagctcttg 420
gtgaagaatt a 431

<210> 27294
<211> 334
<212> DNA
<213> Homo sapiens

<400> 27294
agttgctgggt tgcaggagtt caggaaagga ggtgggacta gagtcaacct ggaatagctc 60
tacagtaaca atggcagcct ttttggtgct gggacatcca tacaggcaac ttagctgggtg 120
aaaggactct ggattggttg gcagctctgct ttttttttgc caaggatgat actttactgt 180
agaagaaatg aggttaacag aaaagagtga gggagamcaa caactcaagc ccaacaactc 240
taatgcaccc aatgaagatc argaagaaga aatccaacag tcagaacagc atactccagc 300
aaggcagcga acacaaagag cagacacacg gccc 334

<210> 27295
<211> 257
<212> DNA
<213> Homo sapiens

<400> 27295
cattctgggg tgcagtwaag ttacttggaac acagtttgat tctttggagt cttgctttta 60
agatttggtta ggtgggccag gcacggtggc tcacrmctgt ratmmcaaca ttttgggagg 120
ccgaggcagg tggatcacga ggtcagcagt ksgataccag cctgaccaac atggtgaaac 180
cccatctcta ctaaaaatac aaaaaaatta gctgggtgtg gtgrcrrgcg cctgtaatcc 240
cagctactag ggaggcg 257

<210> 27296
<211> 126
<212> DNA
<213> Homo sapiens

<400> 27296
aatttcattt agaaacctag ttcagaatct gagcaaattt acaagtgacc tctgtaataa 60
atggtattga taatcagaga atgtatttca gaatactaca gtacaatata ttatgaagca 120
tgacca 150

<210> 27297
<211> 150
<212> DNA
<213> Homo sapiens

<400> 27297
gtaaggaagc ccctcctatc aacctctggc ctgtacatga gggggactgg atgggtgtct 60
gtggcttttt cccagataac ctggtaccaa ctgcagacag tggagggaac tgattgggtt 120
ggggctagaa tcatatacca atggcccaca 150

<210> 27298
<211> 283
<212> DNA
<213> Homo sapiens

<400> 27298
aaaccccttt ggstcttggt ccacgctgtg gaaggtttgt kytctgcaat aaattttgct 60
gctgctcact ctttgggtct gcactgcatt tatgatgtgt aacactcact gtgaaggctt 120
gcagcttcac ttctgaggcc akbcagacca gaaaccact gggagggaatg agcaactttg 180
gatgggagga acgaacaact gcagatgtgc cgccctcaga gctgtagcac agtgaacgtc 240
tgcggttcg ctctgaagc cagcgagatc acgaaccac cgt 283

<210> 27299
<211> 53
<212> DNA
<213> Homo sapiens

<400> 27299
gataatmtct aaggaataaa acttysaaaa aaactcacca aacttttttt ttt 53

<210> 27300
<211> 176
<212> DNA
<213> Homo sapiens

<400> 27300
aattttgcag tkacattaag taaagtgtaa atgcacatga atggcagctt atagagaacc 60
accttgtaac cagtatacag gtacaactac agctcttcag aaattggaag gttttgctag 120
ccggttattt catagacact ctaaaggtag tgcacatgat cagaaaacag ccctgg 176

<210> 27301
<211> 248
<212> DNA
<213> Homo sapiens

<400> 27301
atgcctcctc ctaccagtct ccttaagaca ctgcctgcaa cagctgatta atcattgttg 60
atgactgcag tttttcccat ccttcccgat ttacatctgt tcaggccaat tcaaatatgg 120
taagcggacc tcccgggtgaa tggcttgagg atggttttcg cttgcgtgac ttgaatacag 180

tcactatggg ggacttgcc tctcggttg actggtctat catgggctgc actattcttc 240
tccggtgc 248

<210> 27302
<211> 208
<212> DNA
<213> Homo sapiens

<400> 27302
cctcccgggt tcacgccatt ctctgcctc agcctcccaa gtagctgggt ctacaggcgc 60
ccgccactac gcccggttaa ttttttgat ttttagtaga gacgggggtt caccgtttta 120
gcccgggatg gtctcgatct cctgacctcg tgatccgccc gcctcggcct cccaaagtgc 180
tgggattaca ggcgtgagcs accgcgcc 208

<210> 27303
<211> 284
<212> DNA
<213> Homo sapiens

<400> 27303
tctaggttcc ctgcctacta tttctgggaa ctttcctttt ttaagctcat caaatggccc 60
cttctttaag atttgcttat tcagatcttt tactcttcag ttgttttgac ttgggctaga 120
agatargcat aaatatcaga atctctggga gagacttttt ttcttttttt tttctgwaag 180
ggacttttga gggaaggcca gttttcaaag gagccactgc cttttgwatc ttcattgaat 240
ccctgttttc ctgtwacctg ccaaatatag acatttcctt gcga 284

<210> 27304
<211> 431
<212> DNA
<213> Homo sapiens

<400> 27304
attcagaaac gctgatttta gtaaccttaa ccctcggcct ttgggtgggaa cttcggctct 60
gtgggaatta gtctttgggg gactgatggg gatgctgaaa tcttattgcg taggaaatta 120
agtacaacaa agaagaccgg tctgtgagagg agagtgcgga agaaatgcga agtctacggg 180
agggtggcagc tgcagaagct tgggtgttga tttggagtta ggagaccggg aggagccag 240
cttccgggtcc agacggttat cttgttgact tgcacgactg caaacgccct gagctgcttt 300
tgcagtctga aacatcagcg atcccatcaa aatattctgt ttcttgggat ataagaaaca 360
tcccaaggcg ggctgtagag cgagagattt ggactcgatt taaatacaga caaatagta 420
tgcatttact a 431

<210> 27305
<211> 402
<212> DNA
<213> Homo sapiens

<400> 27305
cataaaaaatg attgtatagg catttaggat catattcatt cgaagcaaag tccgttacaa 60
aggttcaaga tttccatctc aaaacactac gctcttttat gggaactgtg tgaactgaag 120
tggaagcat ctaccatgct gaggctaaaa gaaaagatga atcatttttag tttgcagatg 180
gatcgtaaata ataattgttg gtatcagctt tagctcaaaa ccaatattag gtgttttaata 240
ttcctttttaa ggtttggaag acagccctaa tctcagggtg gggagctcat gttagtagca 300
gtgacttaag gctaagtgtg gaagataatt taagatacat tttctttata tattagccaa 360
caaattatat ttattggttg gcttgcttwt ccgttctgat tt 402

<210> 27306

<211> 51

<212> DNA

<213> Homo sapiens

<400> 27306

tkcacwcctc ttagggcatk aaagttatcc acgttattgt cccacatacc c

51

<210> 27307

<211> 335

<212> DNA

<213> Homo sapiens

<400> 27307

tcttccttaa	aaaggaaata	cagtgatttg	agctagatga	atccagctac	atcttacttt	60
tttttttgag	accgagtctc	attctgttgc	ccaggggtga	atgcagtggg	gcaatctcgg	120
cttactgcaa	tctccacctc	ctgggggtcaa	gtgattcttg	tgccctcccag	gtagctgggg	180
actataggca	ccaccacacc	cggctaattt	ttgggtgttt	ttgtttgttt	gttttgtatt	240
tttagtagag	acgggggttc	accatgttgg	ccgggctggc	tgmaaaactc	tgacctcagg	300
tgatcagccc	gcstcagcmw	cccaaagtgc	atggg			335

<210> 27308

<211> 384

<212> DNA

<213> Homo sapiens

<400> 27308

aggggtgtgtt	tgctggatta	acgacaggtc	gatgccaaata	caggacaccc	ctgcagggtt	60
aaaaaacaaa	atggccaagg	ctcaccccag	gtgtcgtatg	gggtgggagg	atggcccaac	120
tcttgaagat	gtcatggcag	tgggcagcca	ccatggggaa	tccggccggg	atgacagaga	180
cagccctgca	gcacggcact	gctcatagt	gggccaggcc	cttgaggagt	ctcctgaagc	240
cacaaacata	catagtccgc	accctcccct	gccccaaact	cagcgtgtag	cagatcaacc	300
tctgtactat	cagccaagcc	aatacaaaa	gcacagtgat	ttgtggacta	ctccccaaga	360
acaaaacatc	gaagaacagc	caag				384

<210> 27309

<211> 352

<212> DNA

<213> Homo sapiens

<400> 27309

gcccgatgac	tatcatgaga	gttcagtata	atgtatagt	gaaacaagtc	tccaaagcaa	60
actttactag	aaactagagt	tgtgttctag	gttaactcat	gtcactttgc	ttgactctgg	120
gatgtcttct	tttatacact	gggttcactt	tctaattggc	tctgcctacc	caggttgccg	180
tttaaagccc	tgagcctggg	tcactctatt	acatctaata	tctaaactgg	cctaattcct	240
tgccacaaat	ttcagtttta	ttctctaata	ttatcttacc	atccctaaat	cttcttcact	300
tttgccatgc	taacaggcca	gattaggata	tatgacttta	acttaccaca	tt	352

<210> 27310

<211> 186

<212> DNA

<213> Homo sapiens

<400> 27310
 atacaccatg gaacactaca catccataaa aatgaaatca tgtcctctgc ggtaaaatgg 60
 atgcaactgg aagccattat cctaagtga ttaacacaga agawvactat atacagcatg 120
 ttctcactta taagtgggag ctaaataatta ggtactaatg gacataaaga tgggaacagt 180
 agacac 186

<210> 27311
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 27311
 tcaggattat tctatacaag attattatatt tatataattc tacataagat tattcattct 60
 tccagtaaatt atttatggca catggtaggt actcagtaag atagctttta attaaatctt 120
 gactaatctg tccaaatgca aaaaattgag ccctagtctt ttctaacttt taatttcttg 180
 gtaaaatcta cataggataa atctaaggta aattttggca tggtgagaaa tacattagct 240
 acacaaatag acaaatcaac acatcgaagg caga 274

<210> 27312
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 27312
 aagaaccagg gaagctgact gtgtaactcc tagttgagtg tgaagacctg aggtatcagg 60
 ggtaggggtt gctctgcttg tgtaagtccc atagtgtgaa ggccagagaa ccaagagatg 120
 gtcaagaaga gagagtaagt gtccaatgtc ccagctcaag aagagagaaa acttttgtgg 180
 atagctaagt tactgctagc catctgatta tagcaatggc ttccaggagc atcacgacct 240
 gtgcagactc cccagcact 259

<210> 27313
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 27313
 cttaaatact agcacctcca ggcaggcttc ctgtcatggg cccctccgag ggcagatctt 60
 aggtcatgtg gtctcaggat gctgaggagt gtgctagact ctcatggggg gaccttgggt 120
 aagtctcaaa ggctcagttc actcatctgt aaaataggaa gttaaaccac caaa 174

<210> 27314
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 27314
 ttttcaactgc tttctcaaca gttcctgtga ataaatgaaa catttcggag ctccctgaga 60
 gcaagagcct tcaattcttc ttgcggtgcc gggaccatgt gttggtgaag ctggtgctgt 120
 gggggccact cactcgaatg acacctggag gctgttcct cccttaccac tcccttcccc 180
 agcccg 187

<210> 27315
 <211> 54
 <212> DNA

<213> Homo sapiens

<400> 27315

tgtttgtatt ttcttttctt ttcttttttt cttttttctt tttttttttt tttt 54

<210> 27316

<211> 449

<212> DNA

<213> Homo sapiens

<400> 27316

atthttcaaca	cagaaacacg	gaaaggtaga	ragtccgtht	ccttaagtgc	ggtaaggtht	60
taacaaaaat	aaggcaaaaa	aaattattgc	gtcctctctt	tctcaaactt	gcttgccaaa	120
cttgagagawa	actgggttaga	gaaggcgcat	aagatggaat	tttcttaaaa	acatattcat	180
aaaaacgaac	ttctacctta	aggaaatcgt	cttccttaaa	tcctaccatt	cttacaccgg	240
caagctcaga	ggtacgggat	ttcagcattt	tactcagaat	twtgtatttt	tcctgatgct	300
ctggtcccta	ckktttaaca	aacttcaagg	ccgccaggga	gatccagttg	nvttctggca	360
cctgacttca	vkvaatgatt	aaaacaacty	angaaaattt	ggcaatggga	cactaaaatt	420
ggtggagggtg	gagattttatc	cgttaattt				449

<210> 27317

<211> 196

<212> DNA

<213> Homo sapiens

<400> 27317

ttctatgttc	ctggaaattc	tttctctatc	tcttttttca	tggtctcact	ctgttaccca	60
aggtggagta	tagtggctca	tgatcatagc	tcaactgttac	cttaaaactcc	tgggttcaag	120
caatcctccc	acctcagact	ccccaacagt	taggactaca	gacatgcac	accatgccca	180
gttatttttt	cattct					196

<210> 27318

<211> 241

<212> DNA

<213> Homo sapiens

<400> 27318

agattctctc	tctgtgtcac	actgctcgt	gccagattat	gggacagagg	cggtgtgggc	60
aaattgaaac	tgcttttct	accctcttca	gtgactgttt	ccttgatata	atgttaaaac	120
caggaagctg	gaaggatgga	ttttctgttg	tctattgagt	caagaaactg	agctggatgat	180
catgaagata	acacctatat	ataatgaaag	agtaaaaggc	aagcagaatc	agagtcagwm	240
c						241

<210> 27319

<211> 169

<212> DNA

<213> Homo sapiens

<400> 27319

atthattctt	ttgggtattg	twccctctct	tttatctatt	tcctcttagc	aaaatctgac	60
aatcctcaaa	tgccctttga	acccccctag	cccattgtgt	atgtyaccat	attagcamtt	120
actwacacac	ttcgwattgt	ttwtgtgatt	atthtatctg	ctaccaat		169

<210> 27320

<211> 118
<212> DNA
<213> Homo sapiens

<400> 27320
gtgcaaaaaa thggccgggc gtggtgkygc gcacccgddg cccagctgc ttggaaggct 60
gaggcaggag agttgcttga acccgggagg tggaggttgc agtvagctga gatcgcak 118

<210> 27321
<211> 314
<212> DNA
<213> Homo sapiens

<400> 27321
atatttcctt ccttctgcaa gctttgggtt tagcttattc tttttctago tcctagaggt 60
ataaagatag gttccttatt tgagatcttt ttttgacata ggcatttattc attaaaacat 120
tcctcttctt actaaagtat tttctttaac cacattcaaa tgaaattaga aaccaataac 180
tgaaggaaaag tttaaaaatt tacaaatata tgtaaatata acaacatata tctaaataac 240
caatggacca aagaagaaat cacaagggaa attaaaaaat gcttagaggt taatgaaaac 300
aaaaacacag ggtt 314

<210> 27322
<211> 346
<212> DNA
<213> Homo sapiens

<400> 27322
agcgggcgct ctgctgactg agaggctcgg gtactagggg aaccaccccc gccatgggta 60
tgcccaagac aacgatatgg atcctaagta ctgtcataga gatggaagat gtggaaggca 120
gcataatctg gatttaaagc gctctgagat ccctccttgg gaaagtgaca gctaagccga 180
aacctcaaga tgagtdacac gtttgtgaga caaaaaaatg gaaaggggca tggaggagt 240
aagtccaata gaaaaggggt aaagtgatgc ttgtwgtata ggtgacaagt ctggggaggc 300
aagttacggc cagatcttaa aggccatgta ttaattgggt agggct 346

<210> 27323
<211> 225
<212> DNA
<213> Homo sapiens

<400> 27323
attctaccac gaacacattc atgtcccaga tgcagctcta atgcaaattc tctgatgtwa 60
ggtcatttat cttcaccagg taacaagaac acaactatac atcctgactg atacacatgt 120
acacatatga agatcaagat aaaaagactg aaagagttaa ttactcatga ggctgactt 180
acaagaattg cgaagttgaa gtgaaagaat actagacagc aacat 225

<210> 27324
<211> 85
<212> DNA
<213> Homo sapiens

<400> 27324
agtctctgag tcacccttag cggacagggc tgcagacctc gcaggtctgt tagcagaatc 60
gcagattgca ctcttttttt tttt 85

<210> 27325
<211> 223
<212> DNA
<213> Homo sapiens

<400> 27325
atcctgccgc ccgwtttacc cgcggagacg ccgaggcccg atgccgtatc ctgccgcccc 60
ttttacccgc gggaaagccg aggcccggtg ctgtattctg ccgccattt taccgcggg 120
gaagctgagg ccagtgctg tytaatatct tactcatgtt cacttgatga gaaagtgaca 180
gatctgagac aaaccagtt ctagagggtta tgacaccagc cga 223

<210> 27326
<211> 422
<212> DNA
<213> Homo sapiens

<400> 27326
agaaaggact aacagcactc tcagcagagg gagactgagt ccttcattcc tgggaggtgt 60
ctgggaagca catcgagtg tgcaccgcag cagcaacaca aaatggacta agacaccag 120
caagcccccag gagcatcaag gaagcaggca tgaggtacct gctgggccc cgtgctcac 180
tgctttctca ctgctctgg aggtcctgag ttcacaacaa tgagaagttt tgagctggat 240
aaaactgttc atttatggag catattggaa aaggagggat cacacatgtc tcagaaacaa 300
tgggatgcat ttctgtttg gtagaggagg gcttctaaaa gggtgattgg ttacaaaatt 360
gcctctctaa aagactcctt tctaaaggca aataaggaaa ctgaaaagct taagagatgg 420
at 422

<210> 27327
<211> 110
<212> DNA
<213> Homo sapiens

<400> 27327
tctatatttt tataactctt gacttatata aatgggtcag ccgttgagtc tgaggatgac 60
cagcagccca aggctattcc aggtgctggt atttcttttt tttttttttt 110

<210> 27328
<211> 217
<212> DNA
<213> Homo sapiens

<400> 27328
accaccgtcc cccgcgggac cctgggggtta gcttcccgt cccccagggt cactcatcac 60
ctggctgtca ccagcttcgt cgcttttcac atccgaggtc aaccctggct tggagggaat 120
tgaggcccag aggaaagaag gcgcctagcc aaggtchhat tgtcgggggc gtcagacccc 180
accttgggcc tcccgaatcc cagtscactg cccttcc 217

<210> 27329
<211> 144
<212> DNA
<213> Homo sapiens

<400> 27329
gggaagcaca ctacgcggag agggagggaag gcgggccgga gggggcgggg ccaccgagga 60
gcattcgaca cgtgtgtsc tctgtccatt aacacattac caacgccttt tgagtattcc 120

tcccagtga ggggtgccggg aacc

144

<210> 27330

<211> 229

<212> DNA

<213> Homo sapiens

<400> 27330

ggcaaccagc	tcgggtcccc	ttccacaccg	tggaagcttt	gttctttcac	tctttgcaat	60
aaatcttgct	actgctcact	cttcgggtcc	aggctgcttt	tatgagctgt	aacactcacc	120
gcgaagatct	gcagcttcac	tcctkagcca	gcgagaccac	gaaccaccca	gaaggaagaa	180
actccaaaca	catctgaaca	tcagaaggga	cagactccag	acgcgccac		229

<210> 27331

<211> 185

<212> DNA

<213> Homo sapiens

<400> 27331

gatttacgtc	tcccaacatt	gtgagggtgt	cgcccaagtg	cattgttcag	attctagagc	60
tggaaactgg	gaaactgact	tttagctcca	ggctcagagc	ctcagctccc	atggctacta	120
aaggcctttc	ctcactcata	actactggga	cttagcaaat	attaaatgac	cgtgcctgtg	180
caagc						185

<210> 27332

<211> 289

<212> DNA

<213> Homo sapiens

<400> 27332

caaaattaaa	aaattgcttc	cttcaaggaa	acttcacgga	tgtggatttc	atgtgactct	60
gggcatcttc	tttgaaaagg	cagtgcacca	ttcctttctt	cctaggggca	cgtgaatgaa	120
atgagactct	gccagtaaac	gcctcagtta	tccagcaggc	cctctcgagg	tagctgctca	180
gaacttaaac	acctggaaga	gtgggaaagg	cctctgatga	gtcagcacag	ctgctgctga	240
ggctttgtgc	taaagtccat	gccctttcct	gatggtaaag	tgccccga		289

<210> 27333

<211> 224

<212> DNA

<213> Homo sapiens

<400> 27333

gactagcctg	ggcaacatcg	caagactctg	tctgtacaaa	agaattacaa	aattagctgg	60
gcatggtagc	atccacctgt	agtcccagct	actcaggagg	ccaagggtgg	aggattgctt	120
gagcccagaa	gttcaaggct	gcagtcagcc	atgatcacac	tcctgcactc	cagcctgggt	180
gacagagcta	gaccctgtct	caaaaaaaaa	aaaaaaaaaa	aaaa		224

<210> 27334

<211> 236

<212> DNA

<213> Homo sapiens

<400> 27334

gaagtaaata	tgattaagtg	aatggatcat	gttgatatgg	tataggcata	taagaagaag	60
------------	------------	------------	------------	------------	------------	----

atttgaaaaa tggaaaataa aataggatgc aaganaaaca atagctacac aagaaagaca 120
tgatccaaac cagaggaaag gaaaacatga gctgaacaac tgagtttggg gagtcagaag 180
aagctcattt gtttgcttgg atggctgaaa catggaccaa aaaggttacc cacagt 236

<210> 27335
<211> 113
<212> DNA
<213> Homo sapiens

<400> 27335
tcggctcact gcaagctccg cctcccgggt tcacgccatt ctctgcctc agcctcccaa 60
gtagctggga caacaggcga ctgccaccac acccggttaa tttttttttt ttt 113

<210> 27336
<211> 116
<212> DNA
<213> Homo sapiens

<400> 27336
tacaggaact atttgaaaat attgaggagg aggaactcct ccccaactca ttctatgagg 60
ccaacatcat cttgatacca aaatctggca gatacacaca cacacacaca cacaca 116

<210> 27337
<211> 66
<212> DNA
<213> Homo sapiens

<400> 27337
tactttctac gtctkkctcc actctggaca tttcatacaa atganhtagt ataatacgtg 60
agtttt 66

<210> 27338
<211> 239
<212> DNA
<213> Homo sapiens

<400> 27338
agcagtggat ggttcagggt gggaagaaga gcagtgggat tgccagttaa ggttgtggaa 60
tcaaagagca aaggctgttg tgaagtggaa tatcaggctc aaatggangt ccctcccgaa 120
tgagcactga cacctgtgtg cccggacatc cagcagggcc ccaacacctg tgctcctgac 180
agctccatgc actaagcagg gcacagtctg gatccagggg actgactgtc tctggcatt 239

<210> 27339
<211> 199
<212> DNA
<213> Homo sapiens

<400> 27339
ctattttaag atggcbctgg ctgcctgtgg agactggatt gtgggagtct gcagctgttg 60
gagcagcagg ttgtgggtgg arwkaggcc aagaacaagg acctgaagga gaagcacaag 120
cggcgcaars gctacgcaga cgagcgagg aagcagctgg tggctgccct gcagaactcg 180
gatraggwcd gcggggact 199

<210> 27340

<211> 314
<212> DNA
<213> Homo sapiens

<400> 27340
atcgttatac ccaactcaca gatgagagaa gcaaggcaca gaaggaagca tccatgatgc 60
ccaaacctta aatgtgaata gaatatttgc caaggtgaag aactaggtac ccagtggtaa 120
aatgatgttg ctacggcctg gaatttgcct ttaatcaagt ccattgaatg acacgtgaga 180
atTTTTTTgc aatttcttag catcagaaaa agtattttct gccaaaaaga tttgaaaagt 240
cagagccatg gagaaggga agcactttaa tccagtgcc acttgnnacc tttattgaaa 300
agtgacggga aaga 314

<210> 27341
<211> 214
<212> DNA
<213> Homo sapiens

<400> 27341
atgtctccag gccatgtcag agaccttcat ggcagccct cccatcacgg gccagagac 60
cctggaggha aaartgggtt tgtkggccag ggccagggtc cctgtgctgt gtgaagccta 120
gggactcagt gctgtgcgtc ccagccctc cagctgtggc tgaaaggggc gaaaacacag 180
ctcgggctgt ggcttcagar ggtggaagcc ccaa 214

<210> 27342
<211> 247
<212> DNA
<213> Homo sapiens

<400> 27342
gactagtgtc tttcttagaa gaggagagga cacagagcga tacagagagc ataagagggg 60
atgtcttgta aagatggaag cagagcttgg aatgatgcag ctacaaacca ctgaacacct 120
agggctgcca ggagccgcca gaactaggaa gaggcaagga aggagtctt cccagagcc 180
ttcccaggga gcatggtctt gctgacactt tgattttgga ctctggcttc cagagctttg 240
agagagt 247

<210> 27343
<211> 135
<212> DNA
<213> Homo sapiens

<400> 27343
atagtctgat aatggaccgg ctttcattag tcaggtcacg taagcagtct cccaggctct 60
cagcatccag tggaaacttm atacccckct accatccttc atctttggga aaggtagaaa 120
gaactaatgg tcttt 135

<210> 27344
<211> 147
<212> DNA
<213> Homo sapiens

<400> 27344
caaattaatc ctagattgag gaccaggtag tatgtggtct gattctaact caacaacttg 60
cagaaactca cttctttttt cttttttttt cccaggagg agctatcgta ttaactgacg 120
aaactcactt catttctttg gacctgt 147

<210> 27345
<211> 136
<212> DNA
<213> Homo sapiens

<400> 27345
agatcagggtg agcggaacga ggggtggccct ctgaatgtgg ggtcccttcc ctggagttac 60
ggacatatcg ccgccccttg ggggttccgg gacgcctcac ctcagggccg cagagatcsg 120
garccgmggg agmaga 136

<210> 27346
<211> 317
<212> DNA
<213> Homo sapiens

<400> 27346
aaaatttgca gttccacagg aggaataagt acaagaggtc cattatacaa catggtggct 60
acacttaata acagtgtata gtcactctgga aaatcaccag gagagtarat tttagggcac 120
tgatggcatg ctgtcactcg cggaacttga gctgcactgg tatgcaggcc cagccactgt 180
gccaattgga tggggatcac tttgcctgaa gcatacaaat gaggaacact ccagacaccc 240
gccctcttgc tcttttgtga ggatatgcaa aagctgactg caggtggatt catgatttca 300
agaatacata ggagtct 317

<210> 27347
<211> 344
<212> DNA
<213> Homo sapiens

<400> 27347
aatttggaat acttctgtgc atttgtctgt ccaccgtaat tttagaaaag catatccata 60
acgtttacag ttgtagtaca gttgtggtta gttatttcta gtgggattga aagtaatttt 120
wtttcttkkt atatttctat atttagtttg ttttttgtt gttgttgttt tttgagatgg 180
agtctcgctt tggtgcccag actggagggc agtggcgcgca tctcggctca ctgcaacctc 240
tgccctccvvg gttcaagcag ttctgcctca gcctcccaag tagctgtgac taaaggtgca 300
cgccgcmmat gccagctaa attttttcta ttttagwaga gaac 344

<210> 27348
<211> 192
<212> DNA
<213> Homo sapiens

<400> 27348
actctggcct ggccccacag cggcagtgtc cctcccttcc cccactcct ctcagtgggg 60
gcccctccag tccttgagaa ttgtactac gaaaagggtga actcctgggc aggaatcttg 120
cctagagctt rcggagtcga gccaggcccc tgctgaaggg cccagacca ccggccactt 180
ctcccccmg gc 192

<210> 27349
<211> 297
<212> DNA
<213> Homo sapiens

<400> 27349

gagcgcgctcg	tttgctgggg	mtgtttgtgc	gttgctgctg	tgctaccgcg	ttgcgttttc	60
taggcattta	cttacacgct	ttgtggttta	mgctctcata	accttggtgt	tttaatatgc	120
cttammttat	tgwagcgac	gtkacttaaa	tccagaagca	gatgtgtacc	ccagcaagag	180
ataaaatgac	gctcagagtc	agtagatcca	agaccgtgcc	tgagatcctg	aatcctgttt	240
cctacccamt	attcagccat	tgggtcacaa	gcgatgaaaa	gagcaccttg	aagattt	297

<210> 27350
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 27350	
attaccarcg	waggbgcrsg
ggtcaggacg	actctcggca
gcgccattgc	gcgccctcta
gtggcagccg	gttttgaggc
cggcctccgg	ctttgaagtt
cctcaccgcg	tct
	60
	113

<210> 27351
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 27351	
aaaaatgcca	ccaatcagag
ccatttcttt	ctcaagggga
actgagtgat	ttgcaggggt
	60
tggggaaggt	tgcttgctcc
ttaaagcdwca	ttccgtccca
ctctgggtgcw	rtgcamggag
	120
ctcgactatc	ctgaatcmac
catgattcga	cctcatgtca
gtcctttggc	tgccagccca
	180
gttcaactcc	aagctgatga
ccartgtcga	ccgccagtca
ttctgaacat	ttgaccagtt
	240
gagctttsaa	atgatggcag
tcctggctga	cattttgggt
gaacaatatg	agagactgac
	300
tggttgagcc	cttc
	314

<210> 27352
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 27352	
acaggcaggg	ggaakgggga
ggggacggta	gcgtcascta
cacccacacg	cagtttckg
	60
ataaaaggtc	ctttggaaac
tttgattctc	ttctcacca
	99

<210> 27353
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 27353	
atttttacta	gacatgggtt
tcaccatggt	ggcctggctg
gtcttgaact	cctgacctcg
	60
tgatcactta	cctcggcctc
ccaaaatgct	gggattacag
gtgtgagcca	ccgtgmcctg
	120
ccattctttt	ttgtwccttt
cataggcttt	anggttcctt
tcaagcttca	aagttctgtg
	180
attaaaaatt	ttttttcttg
tctttaaaac	atggaatttt
tgatttttga	aaaatatttg
	240
ctcygtatac	tt
	252

<210> 27354
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 27354
 ttttttgaca ctgcractcc catgaggccc tgcagcgtcc ctggcgccgc tgaagacgcc 60
 ctggaactcg gctggcttcg gagggctcgg tgactctggc cgcgctgcat tatggaawac 120
 agagtctawg agaaaactag cccggcaccg actcbggacc aagcacacgt gtttaccttg 180
 tgcactgggg tgggggcgctc agtgaagagc agctaacaag atttcgtcat aaagabh 237

<210> 27355
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 27355
 acttccgtca ccggcgccgg aagatgacgc acgtctgggc ggagtcctga tgagggccgg 60
 ggcctagggg gggggcggtgt cgtagggcgg a 91

<210> 27356
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 27356
 agtggacact gtcagctcac cgccatcgcc gtcgaggskc tcccacacgc tgtgtctact 60
 gsscagtagc ttgggctcct gacactgatg acgagaagcc tcatcagtaa cccagcccwt 120
 ctgmtcmtac cactgggatg tccctgagga ctgggaaggc ttccaacaca ctcaggggac 180
 ctgggttccc tagtgtctca ggatgcccc a ggtccctc cccagacsat ccgcttcca 239

<210> 27357
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 27357
 gaacttgaaa tatttttttc agagtttctc acacacttta aaagtctaac ttttttgtgt 60
 gtaagcattt agcttgccag catatttctt tttggctcct taaattgcgg ttgtgtttgc 120
 agtattgtca cttttgctct cactgttatg ttgaataata attagcatat aattgtctac 180
 agaagcaaga gcaatctgga aggmrcaaaa atgttttctg tgattaacag tgaagacctt 240
 gtaaattgcag atgtgtgata aagcatttag tcagtcccc aaacagtcag gccaaactgtg 300
 aaggaatgtc ccacaaagc 319

<210> 27358
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 27358
 aaaaatgggg gtggaggagg catggatagg ggaagtttct gtggtcagggt tgaacatttg 60
 agtaaaatta tttatgcagc taacatttac tgattgtgac agatgct 107

<210> 27359
 <211> 310
 <212> DNA
 <213> Homo sapiens

<400> 27359

<210> 27364
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 27364
 cagatggtgg tgaggttgta gagaaaaagg aacgcttata cactgttggt gcgagtgtaa 60
 attagtttaa ccattgtgga agatgatatg gcaattccac aaagacctaa agtcagraat 120
 tmcattcaa ccagtaatc ccattactgg gtatatactc aaaggaatat aaattgttgt 180
 gttacaaaga cacatgcatg cgtgtgttca ttgcagcact gttcacaata gcagagacat 240
 ggaatcaacc caaatgccca 260

<210> 27365
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 27365
 gggtttcaac gctcggacac ggaaatacgg tttgcgtctc ctgcgcgttt tctctcctgg 60
 agaggggaga agggggctac atcctgccaa gtctgtatgg ttgggcccgc ggcgcctwa 120
 sragtcgcg ctgggggctg ggagcgactg gagagccccg agatagttgg agaaattgca 180
 ggggt 185

<210> 27366
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 27366
 agatgacgca cagaaaaatg ccaaccctgg ttccactggc acaagcttca ccttcattca 60
 ctggagcctc agcccatagc caccagggga ggcaggcagg gtggtgttaa ccttcccatc 120
 tcammaatgg agraanaactg aattggcata taaatgattt gtacatgggt aagagttaag 180
 acttgaaccc aggacttctg accaactcca gtactttttt ttgcaagaat ttatgttctg 240
 aaaagatctc aagctaacc ccatggcctg gacagcagcc ttttccactt gcctcctccg 300
 acccac 306

<210> 27367
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 27367
 taaatcatgc tgctataaag acacatgcac acgtatgttt atttcggcac tttcacaat 60
 agcaaagact tggaaccaac ccaaattgtc aacaatgata gactggatta agaaaatgtg 120
 gc 122

<210> 27368
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 27368
 atcctcccgc ctgcgcctcc caacgtgctg ggattgcagg tgacagccac cgtgcccg 60

ctagagtttt tttgttgttt tttttttt 88

<210> 27369
<211> 293
<212> DNA
<213> Homo sapiens

<400> 27369
cccaaatkct tctcatcttg gaaaactgaa actctatgac gtatttaaact tccattcccc 60
ccagcccctg acaatcacca ttctaccttc tagctctgtg aatgtcacia gtacatcatt 120
atgtgggatc atacagtatt tttttgtgac tggcttatta tacttagcat gatctacgtt 180
gtagcaggtg tcagaatttc gttcctttga aaggctgaat aatattccac tgggtttaga 240
tacaccacgt tttgttgacc cattcaccca tcaaagggas ccaagttgct tcc 293

<210> 27370
<211> 52
<212> DNA
<213> Homo sapiens

<400> 27370
gtggggcgcas wtccttaggt ataaaatcgg ctccagtcgc ggtaactgaa gc 52

<210> 27371
<211> 256
<212> DNA
<213> Homo sapiens

<400> 27371
agatcatcca gccgccakct gaccagaaag tgtctaacac aatctcttcc acgartcgga 60
acttgatata tatttgctga ataaacgaaa agttaagat gaggcagaaa gcacagctcc 120
ttccaagggc agctctcaag agcccacgtt ttcagattca gcagtgaagc gghacgcgtc 180
tggtacgaga ctacaagtcg cacaggcgga gagggggccc ccgggcydct ggtttcacgt 240
ctccctcctg gtcccc 256

<210> 27372
<211> 127
<212> DNA
<213> Homo sapiens

<400> 27372
atctcacagg cccgcccctt ctgtagaacc aatcggaact cgaggcgagc ggnctgggta 60
ttccaggata gcgcatgcsn agcacgcatg gccacagact gccggtcagt gtcagcaggc 120
ggtgggt 127

<210> 27373
<211> 210
<212> DNA
<213> Homo sapiens

<400> 27373
tacatatgag taactgaaat atttgagtaa aaaaggcaaa agtttaaatt tggaatgctg 60
tatatattag agaatatggg gaatgatggg gtgaccaact gtacaaggaa gattcatatg 120
aaggtcttag gggaaaaaga taattctgaa gggtgaaaaa aaaatctctc ccatggagat 180
tcttcacatt atatggtttg acataagggt 210

<210> 27374
<211> 98
<212> DNA
<213> Homo sapiens

<400> 27374
tccagtctga caagatagta tgcatttcta ctcattctatc aatccttcta ggccagtcta 60
tgtagccggg cccttagtcc actttctttt tttttttt 98

<210> 27375
<211> 154
<212> DNA
<213> Homo sapiens

<400> 27375
aaaaatatyy aaaatggcgg acggaggcag cagcgagtca agatgagagt tcagccgcgg 60
cggcagcagc agcaggtaat cattacagca ttttacatat tcatattcat actcaacccc 120
ggctcccgt gcccccccc gccgacttag catc 154

<210> 27376
<211> 54
<212> DNA
<213> Homo sapiens

<400> 27376
gnwtctcttaa ttgtgttgcc agagaatatt ttatcttttt agcatttttt tttt 54

<210> 27377
<211> 303
<212> DNA
<213> Homo sapiens

<400> 27377
aaattaccca gtctcgggca tgtcttttctc ggcagcgcca aaacagacta atacacttct 60
ctttgggttca atcacatatg cttgacaaaa ttctgtgttat gaaccagtc atctcatttc 120
tcccttcatt ggttcttgaa tacattaatg ttgctagtgt caactagggtt atcagtttac 180
caagcacttt ttggagtaac tatttcatac taactctgta ctctcctcaaaa gctaacttta 240
ccacttttac cactcttctt tgacccttac tttgaagacc ttgcttctta gagaatgtgg 300
aaa 303

<210> 27378
<211> 107
<212> DNA
<213> Homo sapiens

<400> 27378
cttggtatag ttckkccctg acctgaacta ccaattccta atttccaaag gaaatgacaa 60
agcctatgta aattgttata gcttattctg accttggttac ctgcccc 107

<210> 27379
<211> 395
<212> DNA
<213> Homo sapiens

<400> 27379

ctctgcctcc	gcgcgccctgc	ccacgcgctc	cggtactcgc	tgctcgcggc	tgcccggmte	60
gggattccgg	gctttcttcc	cgagaccgcg	tccccagct	ggccgaagg	tggaacgtca	120
rggsctggag	gsycagcgga	atccccctgcg	ttcagtagcc	ccgctctccc	ctgtcccga	180
ggattactct	gccccctcagc	ggttccagtg	ccctcaaagc	aatctgtctc	tgaagtactg	240
gctatcttct	gagcgtgtgc	cagaagatcc	agctttgttg	aaaagcgaas	cgttagtccc	300
ttaatacaaa	ggatcaggga	tagcagaaat	gaaagtataa	tgbnnnggcag	ctggaggrat	360
tccaggtcca	ctttcaccca	agtaatggaa	gagct			395

<210> 27380

<211> 196

<212> DNA

<213> Homo sapiens

<400> 27380

acctgagata	taagtgtgag	tactatacaa	gcattaaact	ggagtgcagt	aaacctagga	60
accttcccac	aattgttttt	ttgtttgttt	gagatgcaga	gtctagagtg	cagtgggtgca	120
agctcagctt	actgtaacct	ctgcctcctg	gattcaagtg	ttagtagctg	ggattacaaa	180
agcatgtggc	ccacac					196

<210> 27381

<211> 185

<212> DNA

<213> Homo sapiens

<400> 27381

ctagtatctt	tcacacttgt	ccaaccgtct	tattttttta	aaagttctgt	tgcttgtatt	60
aacacgaaac	tagagagaaa	tagtttctga	agccagttta	ttgtgaagat	ccccaagggg	120
gaagggttcg	gtagagaaaa	atagtaagct	ggtttagaaa	ctgacgaggg	caaacagcca	180
ggatc						185

<210> 27382

<211> 248

<212> DNA

<213> Homo sapiens

<400> 27382

ggatgcaaaa	tgattagaaa	actttttaa	tcctaagatt	gttttaata	gatttatata	60
acatatattat	tttattttat	tttttatttt	tattttttat	actttaagtt	ctaggatata	120
tgtgcacaac	gtgcagggtt	gtcacatagg	tatacatgtg	ccatgttggt	ttgctgcacc	180
catcaactcg	tcattttacat	taggtattcc	tcctaagtgt	attcctcctc	cagaccccca	240
cccgcctt						248

<210> 27383

<211> 329

<212> DNA

<213> Homo sapiens

<400> 27383

aggaagtga	ccgccgccgg	aagtgccct	cggggcggcg	cggcgaggg	ccggggcctc	60
tcctgcaacc	gccgttctgt	cgccacggat	gggaaggagt	cgaccgcgag	aagaggactg	120
gggggaagan	gggtctcagt	gcagacagag	ttctggadaa	kactgttgat	atcacccgag	180
ccgnagggca	agctgggaaa	ggtagctcgg	cacagtccgg	ctgttggact	acaaatccca	240

gcataactcct ggaggagagg gcgaggcggc agcgtgntgg cctccacggc ctcgaaggag 300
 atttgtgggg tggcgcgtat gtggggacc 329

<210> 27384
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 27384
 tcaagtaatt tcaactagtgc ctcatTTTTa aactgctact tgttttagtt ttctttgttc 60
 tctgtaatac agtcaggtag ctggactttt tttttttttt tttttt 107

<210> 27385
 <211> 162
 <212> DNA
 <213> Homo sapiens

<400> 27385
 ggcctgggga ggggatgttc atgaatgtca agggctctgta tactctttta ttattcagtg 60
 agtctactct ttcactaaag gtctgtttta tatttgtgat cccaggttcc tagagttttt 120
 atttttgtwt ttwgttttgc actgatactc tttttttttt tt 162

<210> 27386
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 27386
 tttagtaaaag gcagagtttc accatgttgg tcaggctggg ctcaaactcc tgacctcagg 60
 tgatccaccc accttggcct cccaaagtgc tgggattaca ggcattgagcc accatgcctg 120
 gcctagactc agtatcttta aaacaatatt tttcagttat gtcactgtca ccttgaggaa 180
 taggcactat ctnwgggtgg tcgtttattt tccatttttg tgtgtttaag agtatttctg 240
 tttaaacttac gttttatatg agatagaata tctgatgggc atctgtagca tactgcacag 300
 gtttggcaac cttgtttctc krccctttac tcttggtaat tactgagagt tctgatttat 360
 tcgtataatg atgttattta tsnattttatt ctgcaatgac aaatttaacc atgtaataaa 420
 aatgttgaaa ctctttta 438

<210> 27387
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 27387
 taattgctta gaaawtataa tgggcgtggg ccagggtcgg tggctcacgc ccataatccc 60
 agcactttrg gaggccgagg tgggcggatc actaggtcag gagatcgwga ccatcctggc 120
 waacacaktg aaaccctkct tctactaaaa atacaaaaaa attggccggg tgtggtggca 180
 tnntgcttgt agtccagct acgtgggagg ctgaggcagg agaatggcat ggcctggga 240
 ggtggagctt 250

<210> 27388
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 27388
 agcaggagtg gaatgaaagg tcgcgaggagg gaggaggcgg ttggccgggg cgagagggcc 60
 tgcccgggga catgaccttt ggctctaaaa agaagactcc atttttcatg ataaaatggc 120
 aggtggtraa aacccccagc agaggactaa agaatgctaa agaacccttt aataatgcat 180
 caccatctct cttgaagaac ctagtggagg agccgaaaaa aaagaaaaga agtacctaata 240
 cacctcctag aatcaaagggt ttatgcaaaa cttgtgaata ataagggtcat acaggcaaga 300
 cctggcataa tacatttttg aggctatcaa gtagaaaaac aacaccaaca gattctgcat 360
 ctggtcaaata gtttccaatg ndkgwcacac gtgttcataat tttaccc 407

<210> 27389
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 27389
 tacacattct caccaggagt aaatgagagt tattacccca atcttttcca atatttagta 60
 ttttcataact tttgaatttt agctagcttg gtacatgtta cggac 105

<210> 27390
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 27390
 gaaataatac agagaactcc tgtggattct ttacacagtt tccccagtgg taaacttgga 60
 aagttatagt agaatatcac agccaggata ttgacactga tacaaagtac aggacagttt 120
 caccatcata aagatctttt gtgttgctct tctagatagc cacacckacc ccacccacc 180

<210> 27391
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 27391
 catggacaac ctttartcag agcatctaga gtggcctctt gttkatcctg aagatactga 60
 tgggtcttgt tttctgtkag tctgtkttgt aatattcttg tcccttcctt catggggagg 120
 cttagtttgt ccagtccttc catgccyktc tatcccagat tacctaaatg ttcccttctc 180
 aggaattctg tctcatcagt tcttcacagt gagawaagag gctagatgat ggtgtggggg 240
 gttggagttt tcttctaata ccgagggtcc c 271

<210> 27392
 <211> 52
 <212> DNA
 <213> Homo sapiens

<400> 27392
 tatcaaactt tttaactgca gtgttttaat ttaatctaata gattkgagtt tt 52

<210> 27393
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 27393

tctttatgcc aaaaatgaga acactggtgt ggttgctgtg aakacccatc tgtatcttct 60
 ggtggcaact tacactgagg gcatgtatcc tagcatctgt gtggaagcca cagagagcct 120
 gggagactra cctaagadga aaaggaagtt aagtcacag aggccccac 168

<210> 27394
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 27394
 aagactatac tttcakkgat cttttctata gtgtgtkact agagaagttt ctctgaacgt 60
 gtagagcacc gwttaaaccac gagga 85

<210> 27395
 <211> 100
 <212> DNA
 <213> Homo sapiens

<400> 27395
 ctatccatcc atkcahccat catccatcca tccatccack rcacaccgta gdcggccac 60
 agtgctagtc atagaaatac aaagcaaaaa gacgtacttt 100

<210> 27396
 <211> 225
 <212> DNA
 <213> Homo sapiens

<400> 27396
 attattttaa ggctgccgct gccctcgcca ccacagtcct gccaggacgg cgacagtga 60
 gcacctgggt tgagagggag cagcaggtaa ctgmgaacc cctgcctccc ccggccccag 120
 cccgtgcctm agcagagccg ggtgtggtgg ggaccggga gtggrtctca mtgcgtgtcg 180
 cctgcnaaca ctttctctcc ccaccatcsk krcccagccc cagtt 225

<210> 27397
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 27397
 cacaacattt attgattaaa ctactgtcc tctatgagtg cagtttgtgg tgcccccaat 60
 tataataata ttgaaggcca cagatcacag atcaccatga cagatgtaat aaagaaaatt 120
 ttgaaatatt ttgagaatta tcaaaatgtg acatagggac atgaagtga ccatgttat 180
 tggaaaaatt gtgccaatac atttgctcga tgcagggtca a 221

<210> 27398
 <211> 66
 <212> DNA
 <213> Homo sapiens

<400> 27398
 cccaaattct tctcatcttg gaaaactgaa actctatacg tattaaactt cccattcccc 60
 cagccc 66

<210> 27399

<211> 348
<212> DNA
<213> Homo sapiens

<400> 27399
agccctttgc ctaagattag cctatgggaa gcatggcctc tgtgtgaatt ggtggtggat 60
tcaaagcaca gcatctgggg tcctgtgtca attacgtctt cctcaacaga agatctgagt 120
gskggtgcat cttcatggct gctggaaggc cccgctgtgt aattacgtct ggaattggtg 180
ggttcttggg ctcaccgact tcaagaatga agccgtggat cctcgtgctg acagaatcaa 240
gttttaaaaga tccagttaaa tgcctggcta tcaacttgcc aagagctgat ccagatggaa 300
gccatcatcc taagagtcag acaactcatt aactctaaag ggaccgcc 348

<210> 27400
<211> 251
<212> DNA
<213> Homo sapiens

<400> 27400
tacwatataa ccacagctgg aactgaaaag aaacaaagac aatgataaaa tgtgatgccc 60
taagctacaa atttcatctg tagcagaaaa agaattgtca ctaaaaactc tacgacagtg 120
tgtggaaaac ttactgagtg ttcagtgcta tgcgggtctac aagacagtcg taaaamacag 180
taaaacacac tttctacgca gccattctca ggagtcattt gaaactgcgt acaccagtcc 240
tctgcctgcc c 251

<210> 27401
<211> 115
<212> DNA
<213> Homo sapiens

<400> 27401
aatcagagct cctgcccgc cgcgtgccgc tgcagcctcc tccgcagcgc cccgctcgca 60
ccccgccact ctcttgmvc tctwwccggr rgcttcctg ctttggttg acctt 115

<210> 27402
<211> 223
<212> DNA
<213> Homo sapiens

<400> 27402
tatttggtt ttgttttgca tgatttttaa aagcagtact cctagggaaa tggcctctga 60
agtatatcag tttcatctct taccaagact gttaagaaga aactagtggg attttgaaca 120
agttakwata atttggtggt ctgaaaaaga ccctaaactg aagtkctgtt taaatatagt 180
tacatgaatt tctctgatac taatgtactc aacagccagg gtc 223

<210> 27403
<211> 258
<212> DNA
<213> Homo sapiens

<400> 27403
gaagatgtgt aagtaaactg tcttgcccat ttgtgcattc ttggtaacga aagcgtggat 60
acccatcaac gaagttttga tattggaatt cagattggct atcagcgacg caataaggat 120
gtgttggtt ggggttaaaa aaaacgcaga agaactattc gtcgagaaga tttgatcagc 180
ttcctgtgtg gaaaagttcc tccaccacga aactctagag ctccccaag actgactgta 240

gtgtccccta accgagcc

258

<210> 27404

<211> 104

<212> DNA

<213> Homo sapiens

<400> 27404

agtagtgctc tgcagtggtt atttcatcct caagtgtcat caccagcagt agattccatc 60
tcaagaaacc attttcttta aaaagaaact gctcatctat tgat 104

<210> 27405

<211> 267

<212> DNA

<213> Homo sapiens

<400> 27405

caagaaataa gctagataga gtgtatgcc aaggagaaata aaaacatttt aaatttaggt 60
ttaatatgta aatactctga gatgtttagg tagtgatttt ttaagtttat actctagtga 120
gtaaccatat ttttgcttac tgaaatatct tggattattt agttattttc tgcattttga 180
tgttttatta cttactaaat agtataaaca tggactacct ttctaaggaa tcattttact 240
agattattag gggttatccct aattaac 267

<210> 27406

<211> 202

<212> DNA

<213> Homo sapiens

<400> 27406

aaaagtagta atagtgggtc tcctcaccat gttcctaate ttttttttta atttttttta 60
ttatacttta agttctaggg tacatatgca caacctgcag gtttattaca tatgtataca 120
tgtgccattg tcgggtgtrt gctcccatta actcgtckct trcattagggt atatctccta 180
atgctatctc tccccactcc cc 202

<210> 27407

<211> 416

<212> DNA

<213> Homo sapiens

<400> 27407

cctctaccca ccatccttcc cagcctctgt taactatctc attctactct ccatctccat 60
gagttcacgt ttttagcccc acaaatgagt gagcacatgt gatatttgct atgctgtgcc 120
tyatttcgyt taacataatg tcctccattt tcatacatgc tattgaaaat gacagaattt 180
cattctttta atgactggct aatatcccat tgtgttaatg taccacactt tccttatcca 240
ttcatctgtt gatagacact ttgattctat atctttacta ttttgatag tgctgtagta 300
aacatgagag tgcagatata tccttgaaat actgatttcc tttcttttgg atatatactc 360
agcaktgggt wtgcgggatc atgtatatat ttattaattc ttttgaggaa cctcca 416

<210> 27408

<211> 433

<212> DNA

<213> Homo sapiens

<400> 27408

SECRET

```
<400> 27409
cttctactgg cagaaaaagg gaaagtgtat ctggagtagg aacatccact ctagctttca    60
atcataagcc aaaatctctc tctggttcat cttatttaaa aaatcagctt agtttctctt   120
agtctaaaat tttaaactct ggggtcaatcc ctacaatgct atttcaactct tccacttccc   180
tccctttctc ttcttttttg tttctctttc ttttactgct agccatatgg ttcagctttc   240
cttaagagaa ctcatgccca taatcagagt aatatagaat gtattttaaaq agtcggt    297
```

```

<400> 27410
gaccactgtc tgtgctgtgt ctttcaaagg tcagaagaga ttgaaccttt gtgggttttat    60
tttccctgag tttgcttttt ctcatgggga acctgtgttg ctgctttgaa gttttatacat    120
ttgattattg twbcaagcag agtacctttg aaattttttt tcattttaaaa aatatggatc    180
ttggtcta

```

```
<400> 27411
aaagttctca gaggtgagg gtccacatc tctgcagga caggccctag ctaccgagtc      60
acagaaaccc agggccgaag caaagtccca atcccagaga tgctggggca cacctacaac     120
tgraaggagg cttaraaatc cttcagaqac cacc                      155
```

```
<400> 27412
ctgctgaaca gaatttattt tctgagtcaa atataattta ttattatttt tgtcaaagaa      60
gtattttaagc tgtgctgtgg tgtgagaatg tcattcttga tcttcagcct tcgtttgcaa    120
gaagagttcc agttgatgtg gtgtttgggt ccatggcggg gtaccctagg gattcatctg    180
ttttcttgac ttccctttgc atctgagatc ctgctggaaa ccacggcaac ctgtatccac    240
tattaggaqg taaaaatcaa taaaatggcc cata                                     274
```


<210> 27413
 <211> 436
 <212> DNA
 <213> Homo sapiens

<400> 27413
 aatattttaat ccatcccttc tgaaatttgt gtgtgtgtgt ggtaggaagt agaaatttac 60
 ctttttccag atagatagca aattgtctca gtctcattta ttgaggagtc agtcttcttt 120
 cccattgkak ttgaaawaat tataacccaa atttccacaa atgcatgggt tagtttctgg 180
 gcactagtga tttgtctacc taatcccaaa tcagcaccac acttatttaa ttattatagc 240
 tttacagtat gacttcatat cttatgagta aaatttggtc tcttaaaaaa ttgtcttggc 300
 tatatgaggg tattggtgat gttgactcca tctcttattt aaatatatat atgtaaatat 360
 atatgtaaac ggcttttattg agawataatt ttacacatca tacaattaac ccacttaaaa 420
 gtgtacaatt cagatt 436

<210> 27414
 <211> 251
 <212> DNA
 <213> Homo sapiens

<400> 27414
 aggaagtttt ctgcaggagc tggaaattca gatgggtctg gaagaatatg gatagggcac 60
 tgagaggaac agagtggaca ctcgggccag gaggataata atgtcagaag tactgccccg 120
 agaagcaamc gcctcatttc cagagcctaa aagagctgct ctgtcagaac cagtacgggt 180
 tctcatcaga gaggctgggc aggccaggac cagatggcca gaggggagtt ggaaggggtg 240
 tttttttttt t 251

<210> 27415
 <211> 361
 <212> DNA
 <213> Homo sapiens

<400> 27415
 ctagaagggt tttttttcca gtgttatctt caagaatttt tatagtttca catcttagat 60
 ttaagtcctt aatccatctt gagttgattt gtgtataagg tgagagggtga ggatccattt 120
 tcatttctct acctgtggcc agccawttat cacagcacca tttgttgaaa aaggcttttc 180
 tccccactt tgtttttggt tgccttgctg aagatcagtt ggctataagg atttgggttt 240
 atttctgggt tctctattct gttccattgg tctatgtggc tatttttata ccagtaccat 300
 gctattgtgg tgactatggc tttagtatag tttgaagtca ggtaatgtga tgccccaga 360
 t 361

<210> 27416
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 27416
 aaaatgggat ccaagcagag acctagaaaa acatgtgtgt attgaggctt aatctctctt 60
 gcagcacttg gaaccatgga ctactatgtg catgacagtg agatagtctg ctggaggata 120
 gamggctaca tgtagaaatg aagcactcgg ccaacagcct gtgaatgcca gacatgtgca 180
 tgaggccatt gtagatcm 198

<210> 27417
 <211> 215

<212> DNA
<213> Homo sapiens

<400> 27417
aaccattttt ttctttgtta ttaataagta caatatcttg tggagagata ctttgagact 60
attcacacgt actattttctt atcttgtatt cactgaccaa ttttagcatt gttgatgagt 120
ttggccttaa ctgaggtttg ccaaattggtt ttctaattct gtagttcctc tattaggaat 180
tcttccacaa gaagagcttt ttttccccct gccca 215

<210> 27418
<211> 156
<212> DNA
<213> Homo sapiens

<400> 27418
ctaccggggg ttcaaccggt ttgcgccta tatgaacctg gacatatgga ctaccacagc 60
gaataggaat gcaaatttcc cactgtctag agactcgagt tactgtggga atgtgtgaaa 120
ataattggat ttttaaacaa tgtgaataaa gaggca 156

<210> 27419
<211> 321
<212> DNA
<213> Homo sapiens

<400> 27419
actcctcggg tcctctttca tgctgtggaa gctttgtttt ttgcctcttc acaataaatc 60
ttgctgatgc tcagtctttg ggtccacgcc acctttataa gctgtaacag tcaactgcga 120
ggtctgcagc ttactcctg aagccactga gaccacgaac tcaactggag gaatgaacaa 180
ttccggacgt gccaccttta tgaactgtaa cactcattgt gaaggtttgc agcttcactc 240
ctgaggccag cgagacccca aaccaccag aaggaagaaa ctctggacac atctgaacat 300
ccgaaggmaa aaactccaga c 321

<210> 27420
<211> 392
<212> DNA
<213> Homo sapiens

<400> 27420
atccagattt gaggtggcac atcttccacc ackscctgca ccatcagcat gcacggagcg 60
cataaaacaa gccctgctcc taatggcagt gaaacctcg atdgcctcma atcaggtcaa 120
tacaactgaa ttgctgkgct gacttaaaga ttgaaggact ccattttagt aagtagagaa 180
gtgtgacctt tctcaaccsa ggttgtgaat gtggattcac acttatctca aaaaggcacc 240
tggagtttta actttatgwc attgtctcag tactggttgc aaggtatgac caaaagtgtt 300
ccttgaatgg cactttttg aatattaatt tagaagaaaa catgccagam tgacatactt 360
acccctccg cactgttact acttccttac ca 392

<210> 27421
<211> 223
<212> DNA
<213> Homo sapiens

<400> 27421
catgtattca ccattatagt atcacagaag tttcactgcc ctaaaaatcc tgtgttctgc 60
cttttcaaca cttcctgtca cccaatttct atcaactaat cttttgactg tgtccatagt 120

tactgtcttt tctagagtgt catacagttg tgaagcagga agcaggagtg aactccggag 180
gcagggactt tactccggac cagattgaag actagccgat aca 223

<210> 27422
<211> 269
<212> DNA
<213> Homo sapiens

<400> 27422
aaaccaaact agcgggggcg tgggtggcatg catctgtaag tcccagctac tcgaggaggc 60
tggagtggga ggrwgcgcttr ggcccaggag gttggggctg cagtgaagctg tgattgtgcc 120
attgcactcc agcctgtaga gcgagaccct gcctcgacaa aattaagaaa ataagtattg 180
ttgctcccct tttggagatg agtcaaaaag attaaacaac tagccccaag tcatggagat 240
aattaaaaaa gattaaacaa ctagcccct 269

<210> 27423
<211> 237
<212> DNA
<213> Homo sapiens

<400> 27423
attattcacc agctgcagac cctggagaaa taactgaatg tcctacacct cacttttttc 60
atcagtaaaa tgggatacta gtaacatctt tttcctaaag ttggactcta tcacctaggc 120
tagactgcaa tgggtgaatc anncatggct ccctgcaatc tcgaactcct gggctcaagc 180
aattctcctg cttcatcatc ctaagagagc ctaggactac agatactcct acagcct 237

<210> 27424
<211> 130
<212> DNA
<213> Homo sapiens

<400> 27424
aattttttcca ttctggactt ttcatataaa agtaaccata taatatgcta ttttttgtga 60
ctggcttcgt tcacttagca taatgttttc aagggtttatc cacattgtta ctgcaatgac 120
tatttctttt 130

<210> 27425
<211> 165
<212> DNA
<213> Homo sapiens

<400> 27425
atccgatcgc tgtggtgtcc tgagagcccc gcgagtgara gcrwttggcc atgggactta 60
agatcgagtt tccccagggg tcgtggcact tcgaggggtt gcaactgtgg aagcagagga 120
gaaacaaaac cacccgagaa gtgacccccg ggaagcagar ggttc 165

<210> 27426
<211> 212
<212> DNA
<213> Homo sapiens

<400> 27426
ggacatttgg gttggttcca agtcttttgc attgtgaata gtgccgcagt aaatatatgt 60
gtgcatgtgt ctttatagca gcatgattta tagtcctttg ggtatataacc cagtaatggg 120

atggctgggt caaatggtat ttctagttct agatccctga ggagtcgcca cactgacttc 180
cacaagggtt gaactagttg acagtcccac ta 212

<210> 27427
<211> 364
<212> DNA
<213> Homo sapiens

<400> 27427
aataacggct accaggaag accacgctct rawgcactta cccwaaccac ctcccacctc 60
ctgagctgga ggctgggtct gcaggggggc agatacctga acaaaactgg agttttgata 120
acaacaaaga aaatacaatt ttacttaaag tgatccaagg ggacactgag tcagccattc 180
atgaagctga acatcatttc aagggaagct ggctccggtg tcatggtgaa cgccaagggtg 240
aagagcagcc gcatgagatc ccaaaggaaa gcccgagggt cacacaagtg gagtacagca 300
gcaaaccccc tccaccgctt gcccttggct ttggtcttgc cagggaacag ctgatgccga 360
ctat 364

<210> 27428
<211> 167
<212> DNA
<213> Homo sapiens

<400> 27428
tataaataat tttttttcct tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60
ccatggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
gctgggacta caggcatgtg ccaccatgcc cagctaattt ttttttt 167

<210> 27429
<211> 322
<212> DNA
<213> Homo sapiens

<400> 27429
atattattatg gtcagcttgt tttacatgtc cccaatgatg agaaaawgcta tcaacatctg 60
tgattttctaa gagtcttacc aaattgttac ttttaattctt gtgtcctgct gagtggtttt 120
tcttttaaaa taccattttt atcacccctgt ggcactgggt gtgttactgc gattacactg 180
atgattctga gctgtgcttc ttcaagtagc tcagttcttg cgtttttatat taggtaacag 240
ttttgtgatg cttttgtgcg ttctttgtca tctcttctga gttttcgaat ctgtcataaa 300
taaacttttt cactatgcac ct 322

<210> 27430
<211> 236
<212> DNA
<213> Homo sapiens

<400> 27430
tcctccggtc gatctctttt tttcttcttg gcacggtcca acagacactc ctggcacttr 60
gcttccerrg rgtgtctcgc ccccgrrcca gaggcswttt tccagcggca rrccttattc 120
caccatcttt gcagcttcca attcttttca tgtaagttg ttttttggag agatatawaa 180
atattatttg gtgtttcctg tgatctctgg gatcctgatc cgcaccactc aacttt 236

<210> 27431
<211> 68
<212> DNA

<213> Homo sapiens

<400> 27431

taaagaaggc aaatgttccc agccatgttt tacattaaca tgaattatac tgcctttttt 60
gtttttct 68

<210> 27432

<211> 71

<212> DNA

<213> Homo sapiens

<400> 27432

tgggggggatg aaggacgcca ccraggaagc agaccccacc grrctcccga ggctgccagg 60
ccccccgctc a 71

<210> 27433

<211> 287

<212> DNA

<213> Homo sapiens

<400> 27433

gagcaggaac agttcatgga cgaactctga ggaccattct gaggacaaga grmatccagt 60
gtcatgagtg gaacatgcag cattttatgg ctacagagtt aaggcaaggg ttgaattcca 120
cgagtcaaaa agcagccctt ttcagagacc caactctctg gggtgctcag gggcttgggc 180
tggattgaga agaaaactga caagagtaag ctgccctctc ttctctggcc atctcacaaa 240
ccacagtgcg ggccaactgg tectgcctct ttaccacaca gaaccac 287

<210> 27434

<211> 248

<212> DNA

<213> Homo sapiens

<400> 27434

tgggaaataa gctatattaa ttaatatataac ctacactact atttgtgtga gggcagtgat 60
tttgatgtgt tattgaataa gcaatctata gtatcatcaa ttattcagaa tttcaccatt 120
aaacctctc ctctgccctc caaaaagcgt atataacact gaatacagca aaatgtattg 180
taagtcttca ttttgcaact catctatatt tataaaacct ctaacaaaat cactgccctt 240
gttaatct 248

<210> 27435

<211> 243

<212> DNA

<213> Homo sapiens

<400> 27435

aggaaatgca catatgatct cctaaataaaa attagaccac caaggctgag aaacgtttta 60
tttgaggccc atgttacaga actggcttcc tcagataggg aattttcttt ttgccaattc 120
tttgattcca gaagtaagcc atgtcagggt gcaggggtg catctctcca tgggtgccc 180
ttccctggct ggcatttgaa kmagcagggt ccttttaatc vtgtggctgc ttaccccaga 240
gac 243

<210> 27436

<211> 90

<212> DNA

053905

aattgacttt tcatttggtt ctgtgcatgt ccatgttact tggttgatgg acttgatcag 60
attcttcttg ttttcttttt tttttttttt 90

<213> Homo sapiens

aggttgacagt	gagccaagat	cgtgccactg	cactccagcc	tggtgacaga	gcgagactcc	60
atctcaaaaa	acaaacaaac	aaacaaaatc	cttcctaaga	ttttgctagg	aattgcatta	120
tactatacat	caattttggg	agtahtgata	tctttactat	gttatatatt	cccgtcaatg	180
aacatagtaa	gtctcttcag	ttatttagat	ctttgatttt	acgtttagcat	tttgtaattt	240
tcacgatata	qatcct					256

<213> Homo sapiens

cagagaggaa	tagaaaagat	cagaggggta	agttggaaag	tatggtggta	atctctttgc	60
tcttaattaa	aagtaggaga	taatggcctt	ggaaaacagt	cagagctgaa	gcaaaactcg	120
cctgtgttag	agactggagt	ggaactaagt	gtcgaagaag	ccagctggcc	cttgggcaaa	180
gaattatgaa	atagatggag	ct				202

<213> Homo sapiens

acattggcct agatgttgct gtgaaggat ttttmmgata tgtttaacat ttaattcagt 60
aggctttt 68

<213> Homo sapiens

aattttgttc ttctcgtggt tccagtgggg agagaaggag gaagtaggga gcggggtggc 60
agggggggga cccgcgcggg ctgctgccac cgccgccacc accgcctctg ctcgtggc 118

<213> Homo sapiens

aaccctcct cccagtgctg aagtcccaag gagccgccct gcaggccgaa agaatgaggg 60

tcgtgatcaa	ctcagtatgc	cactggaggc	tatatgagta	aacagcaaac	cgttttctcat	120
gaaagcagga	tgtttggcaa	actgacaaac	tgcgctctgcc	accagaagg	aatgctgaag	180
gcagtcacga	cccaggcaca	agtgtktott	gtgattaggc	ataattgaag	cctgttaaca	240
ataatgtgaa	cttgtgatca	attaagcagc	tgaccagtcg	a		281

<210> 27442
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 27442						
atgatgcact	gttatggctc	cctctatggg	caaccagct	cttctaattt	aaaagttgct	60
gcatttgtga	tgattttcat	cttgactggg	gatgtaaccc	tgggacttct	gtaatattgg	120
atcatactga	taaacctaat	ttctgacaaa	ttcttcctca	tccaattcat	gatatgtcam	180
cgtgagattc	cttatgcaga	ggcccatgtg	gcaamaaact	gatgtgtcct	tccaacaacc	240
aggcctgaga	cctcamaaga	cccaactgga	tctcccagac	araagcaggc	agaacaccat	300
ttctgmygcc	ccacagcgct	caaagtt				327

<210> 27443
 <211> 371
 <212> DNA
 <213> Homo sapiens

<400> 27443						
atacacgctc	ctctcctttc	gcagcgaccc	ctgcaccact	tctccagcct	gagatcgga	60
aggaggtgga	ggaaccgggt	ggcgggcagt	ggcagttttg	tgggctctgc	cgctgggcga	120
tgtggaggct	attagaaacc	ctagaccagt	cccctcccat	atcatttcaw	aaaaatgttt	180
aaacaactgt	cttttctttt	tttgagacgg	agttttgctg	ttgcccaggm	cggggtgcaa	240
tggcacgaac	tcggctcacc	gcaacttccg	cctcccgggt	tccagcaatt	ctcctgcctc	300
agcctcctga	gtagctggga	ttacaggcat	gcgctaccac	gctgggctaa	ttttgtattt	360
twaatagaga	c					371

<210> 27444
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 27444						
tctccacatc	ctctccagca	tctgttgttt	cctgactttt	taatgatagc	tgttctaact	60
ggmatgagat	ggcatctcat	tgtggttttg	attcgcat	ctctgatgac	cagtgatgat	120
gagcattttt	tcatatgttt	tttggmtgta	taaatgtcct	ctttttcaaa	gtgtctgttc	180
atatacctca	cccacttttt	gatggggttt	ttttcttgta	aatctgttta	aattcctttgt	240
agadhcttga	tattagccct	aa				262

<210> 27445
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 27445						
taaacagggt	cgggatgccg	atgccggctt	ggagtttagag	atgagtcacc	gctgagagca	60
gctgcagtag	ctgagcagtg	gcagcagaga	ggcagacgtg	agctgagggc	gcagaggmag	120
gcagcatctc	tgagggtccc	caaggaacat	ggctgggagc	cgtgaggtgg	tggccatgga	180
ctgcgagatg	gtggggctgg	ggmcmacsgg	gragaagtgg	cctggctcgt	tcagccctcg	240

tgaacgtcca cgggtgctgtg ctgtacgaca agttcatccg gcctgagggg gagatcacccg 300
 attacagaac ccgggtcagc ggggtcaccc ctcagcacat ggtgggggcc a 351

<210> 27446
 <211> 233
 <212> DNA
 <213> Homo sapiens

<400> 27446
 aagtggcagc btcagcaccc agggctgtgg taggtcacag tctctgggyk ggtctcagtg 60
 tccaacactg tagctggtgc ctgccagggt cccagtgggt ggggtcacca ggtctgaaga 120
 gagatgtgct ggytgccggy atggggccag atcctcctgc cagttttccb ntccctcttt 180
 ctcattcaat tgcttatcag cttctcagag aatggtttta tccacagccc cat 233

<210> 27447
 <211> 345
 <212> DNA
 <213> Homo sapiens

<400> 27447
 tcctctctaa atagtagttt attactgcca catstccatg catmagwaaa atgttggtga 60
 catTTTTtcta gcctggcagw rcagattact taaagctatt tcatttcaaa gcakdctgaa 120
 tgtgacttca tctaaaggga gtattaggta ctgcatggaa ataggtcatt aacttgaaac 180
 tcttatcaaa atatatttta ccagtttcca gaattdgsag tacaggaccg cctgwagaga 240
 gagccattgt tcaattccaa ttcagtgtga gtgacaaaagt gaaatttaga agtgaagtgt 300
 wctatttgaw atttaactct ttattaaatc tttctttaad tttct 345

<210> 27448
 <211> 192
 <212> DNA
 <213> Homo sapiens

<400> 27448
 tagtcttagt ttttgagggt ccagtgtgat aatgcaaaaa tgctttttta aacagttttt 60
 aattattagt aatatatttc tgcctatctc tttcacatgc ctctatttgg aatcghwagt 120
 ttttttagtt tttatgccct cctttgaata aaagakrttt tgggcayagg ttatcaacac 180
 cctccccccc cc 192

<210> 27449
 <211> 151
 <212> DNA
 <213> Homo sapiens

<400> 27449
 aacaggagcc tgaagcagtt caccatgggt agcagttggt catagatgtg aagaagagag 60
 aaagatagca cctggaagta gaaagtgtg cagagaccg tgtttggtcg agatctggtt 120
 ttggtgttac aaataataaa ctctcagccc a 151

<210> 27450
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 27450

tatggactgg atagtaaag tttttccaac aattttgttt tagcaaatta catccttatac 60
acaacaccct ataaaccagg tactatcatt ggccctgttc aacagataag aaaactgagg 120
tc 122

<210> 27451
<211> 76
<212> DNA
<213> Homo sapiens

<400> 27451
tcccacctct cgtcctccag ctccctaagc cgtcgatctc ctgccctttr wgtttctctc 60
cctgtgcccc ggaatc 76

<210> 27452
<211> 127
<212> DNA
<213> Homo sapiens

<400> 27452
tgaatgtttc tgccatcggg atgctgggag ttgtagtttc tcgggcccct agactcagta 60
gagtgggtgg aagtaaaatc tttaatgagc tatgatggaa cagttgctaa gaactataca 120
cccaac 127

<210> 27453
<211> 88
<212> DNA
<213> Homo sapiens

<400> 27453
agaccaaggn aggaggatca cttgagccca gaagttcaag accagcctgg gcaacatggc 60
aagaccctgt ctctaaaaaa aaaaaaaa 88

<210> 27454
<211> 144
<212> DNA
<213> Homo sapiens

<400> 27454
tgcagtgaca cagtcatagc tcgctgcggc ctgcacctct cgggctcagg tgatccttct 60
acctcggcca cctcagtagc tggtagtata ggcgtgtgct accacacctg gctaaatttt 120
gtattttttt gtagagatgg ggta 144

<210> 27455
<211> 332
<212> DNA
<213> Homo sapiens

<400> 27455
tcttccttaa aaaggaaata cagtgatattg agctagatga atccagctac attttacttt 60
tttttttgag accgagtctc attctgttgc ccagggtgga atgcagtggg gcaatctcgg 120
cttactgcaa tctccacctc ctgggggtcaa gtgattcttg tgcctcccag gtagctggng 180
actataggma ccaccacacc cggctaattt ttggtgtttt ttgtttgttt gttttgtatt 240
tttagtagag acgggggttt accatgttgg ccgggctggc tgmaaactcc tgacctcagg 300
tgatcagccc gcctcagcct cccaaagtgc at 332

<210> 27456
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 27456
 tggatatgttt tttcattttt tagatcttta atttcttcaa caatgttttg ttgttttcag 60
 agtataagtt ttatagttct tgttaaattt atttctaagt attttatttt tgatgctggt 120
 ttaagtggga ttttaaaaaa tttagtcttc agattattgt aagtatatag aaatacaatt 180
 gatttttgtg tattratctt gtatactaca ggtttgctga acttgatat tagttataat 240
 agtttttttag tggatacctt gggatttcgt aaattcagga tcatgtcatc tgcaacatag 300
 agttttacct ctttctttcc aatctggatt ctgtccatcc tcactct 347

<210> 27457
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 27457
 ggcaaccgcg tgggggtccc ttcaccactg tggaagcttt gttcttttgc tctttgcaat 60
 aaatcttgga ctgctcactc tttgggtcca cgctgctttt atgaactgta acactcaccg 120
 cgaagatctg cagcttcact cctgagccca gtgagaccac gagcccacca ggaggaacga 180
 acgactccag acgcgc 196

<210> 27458
 <211> 278
 <212> DNA
 <213> Homo sapiens

<400> 27458
 agcccagatt ctaacaggct gataggtgaa agggacttgt cttgtctcag atgtggcagc 60
 tccatctttt gttttcagca aaaagctttc catgaaccac aatgcttgca cctatctggc 120
 ccctggtgcc tcaaaataga agatatctga ggcatgact gctatatatg ctgagactgc 180
 cttctagttg ccggatataa tcagaaatga tacggataat gaaggaatca gggcttcctg 240
 gagaaatggc tggggcagag aatatacaag atgagcac 278

<210> 27459
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 27459
 atttgccttc atgttagaag caccataacg ctaagattct gggctctcac aacccttcct 60
 gttttctacg tccttgctca tcattagcag ctcttctctc cgtgtcgcct ttagaagtta 120
 ctcttgctcc atttcaaaac agcgttttag acaccagcgt ttttatctta agtttaaatg 180
 aaaggcaggg ggcgagatta agtgtacagc acgttcttta ggacgtgctc tttgtgatgg 240
 ctacgggggt ggctcagata gctcttttgg taaatttccc aatcctgcgc catgctccag 300
 tgtctagtat gtattagaca ctcatgaaca ttaaattgacc aggtgaggta acattacata 360
 at 362

<210> 27460
 <211> 247
 <212> DNA

<213> Homo sapiens

<400> 27460

tgtgttttta	gtagagaggt	ttcaccatgt	tggccaggct	ggtctcaaac	tcctgacctc	60
aggtgatcca	tccactttgg	cctcccaaag	taccgggatt	acaggcgtga	saaccatgcc	120
cggccaacat	tagctctatt	cttaaaattc	agttttgttg	agatataatt	tacgtataac	180
acaattttac	atgtacaatt	cagtgagttt	tgacaaatat	atatggtctc	ataaccacca	240
ctcgccc						247

<210> 27461

<211> 459

<212> DNA

<213> Homo sapiens

<400> 27461

atcaattcgt	caacagaggg	aacagcagag	gacaggggca	ggccagcctg	gcacctagag	60
cctttggatt	tcattttttac	agtgaggttg	tttaaaaaag	aggagggttaa	actgaattat	120
ttctaagatt	tcattccagct	gtaaaatcct	attattctga	actgccaggc	ttacaagttc	180
aagaggcaga	aggtaaattc	ctgcagcctt	taaatgaaca	aaacaaacag	cacaagctac	240
actgcgaaga	tgagtctgca	ctgcatgtat	ttctttctac	acccaggaac	ctggcttacc	300
agtatatcac	cccagcgttg	acatactgac	ggaatctcac	tctgtcacc	aagctggagt	360
gcagtgggtg	gatctcagct	cactgcaacc	tccgcctccc	tggttcaagc	gattcccctg	420
cctcagcctc	ccgagtagct	gggamtacat	gtgcgcacc			459

<210> 27462

<211> 246

<212> DNA

<213> Homo sapiens

<400> 27462

agatatagtt	cttgccctgca	aagaatttat	agtctaattgt	gaatgattaa	gtacataatt	60
gaacatgctc	gtctttttgga	gggctgggtcc	aggctcctct	aagccatgac	gccggctgag	120
gatcagcgag	cctgtcatag	ggaactgcat	ggatagaagt	tctccaggac	aagcagtgga	180
gctgccggat	cacaatgggc	tcgggtaccc	agcacgcccc	tccgtccatg	agcaccacag	240
gccccct						246

<210> 27463

<211> 370

<212> DNA

<213> Homo sapiens

<400> 27463

ggttcagatt	aatgggttggg	cgtggactgg	aaactgcagc	gtcaagctcc	ttgtcctctg	60
ccctaaaaga	ccaggattct	atgggccttg	ctgggctctt	gccttcaaaa	acccaggcct	120
cctaattctc	cccagaaaca	gctgcattgg	agaccccaag	tctcgggagc	acaccctgc	180
ttcctgccct	gtgactggtc	agtctttaac	ctgtgccttg	gcgggcgctg	gcttwrcggw	240
gcttcctctg	cagggactga	cctcggacac	ccagcttgtc	attgccccgg	gggcgtcctg	300
gctttggttc	tgtaaacacc	tcagtgtctga	gaaggcacct	cagccctggc	tttctctccc	360
wgtcccgttt						370

<210> 27464

<211> 104

<212> DNA

<213> Homo sapiens

<400> 27464
 ttttgatctg ttgagatatt ttgagttatt tctcataggc ttagtttaat tataagttgt 60
 gacttayaca aattagtata ctccgcccc ctcctttttt tttt 104

<210> 27465
 <211> 165
 <212> DNA
 <213> Homo sapiens

<400> 27465
 tattaagta ggtagggatg gtgtgtagat aacatagaag agaaaatata agtgcctaca 60
 ctccactccm gagctgctga tattgtatgt ttagggtaag acatttagtg ggtatgtctt 120
 cagaatgctt ttcagatgac tctgaacaga ggcagggctg cgatt 165

<210> 27466
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 27466
 aagttcaagt tcaccatgag ccacagcagt aagccatgct ttagcctctg acctgtgctc 60
 caattttggt acaatgattt ctgccatgtt ctccaacagg gtgaggaaac agacagcact 120
 aagagaaaaa gctggaactc aaaaccaaata taaactccaaa cttaagtttt ccacttcga 180
 caagaaaagg aactgcatgt gtttttctgc ctcttgaga tgtatgtcat aaaagttgga 240
 tgctttcctt tcaagacatt tgaatggaat c 271

<210> 27467
 <211> 180
 <212> DNA
 <213> Homo sapiens

<400> 27467
 catattataaa cgaattttgtg tcacctggta tgtcttagat gtgatttgag actttttgtt 60
 gttgttgaca tagctttaat aaaattaaca taaactgtga ctttgtatag gctaggagga 120
 aggagagact gaggagtact atgtttggaa ggaaagctga aggtagggca gccgatgaa 180

<210> 27468
 <211> 179
 <212> DNA
 <213> Homo sapiens

<400> 27468
 aagaagtgat ttgtgctgtg agcagagctt tgaccccagt ttgaaactca gctgacagtc 60
 agcaaagggg aaaccagtct ctgtacaaaa caggaaggaa atgagatgaa atgaactgca 120
 ttataagcta ccagagggtg cctaattggca tcttcaccac atagaagtcc caggaagta 179

<210> 27469
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 27469
 agattccaac cacgatactg aaaaaaccaa agcccagtct agccatttaa agagaacaca 60

<213> Homo sapiens

<400> 27474

aaccgtgtgg	gtaactctga	tgtaagacat	gccaagagcc	tgccatagga	ctggcacaca	60
gtaaactcaa	aaccagccca	actctctgcg	caascctca	gcactgcctt	caggatgaag	120
gccaaggact	ttcaagtgg	ttgcagagcc	ctttagactc	tgcccctgct	aatggctcag	180
gcttctctct	ccccctccac	cccc				204

<210> 27475

<211> 317

<212> DNA

<213> Homo sapiens

<400> 27475

tgaaacttac	ttaaaagaag	tcattttccc	ccctgaatct	tagtgtaaag	gcagctgcag	60
tctgctgaca	gcttgtgggt	atgctctgat	ttactgggga	aggaggaggw	tgwactat	120
taaatgcata	atagarcatt	cgtttcgtca	tctggaagca	gagatggaag	aagctggggg	180
gaaatgagag	acatcactgt	tgctttcgtg	gagggaagct	ttgtagcatg	ttatcagaca	240
gcagtgcata	ttgaagaaaa	tatctgttag	gaatgcatgt	caccagatgt	attttgcttt	300
caagaatggt	agacacc					317

<210> 27476

<211> 180

<212> DNA

<213> Homo sapiens

<400> 27476

tataaataat	cttttttctt	tttttgtgat	ggaatctcac	tctgttgcca	ggctggagcg	60
ccatgggtgca	acctcagcct	cctgggttca	agttattctc	ctgcctcagc	ctcccaaata	120
gctgggacta	caggcatgtg	ccaccatgcc	cagctaattt	tttttttttt	tttttttttt	180

<210> 27477

<211> 331

<212> DNA

<213> Homo sapiens

<400> 27477

tgagatttca	aatgcctagt	atttcaaaac	ttaggttctc	caaacgagga	gaacctaggt	60
acgtttcttt	gacaccatca	accttcattc	tttctgtgct	atgtccagag	cattcctgct	120
gtatagacac	ttacagattt	tgtataattg	tatgttcatt	ttcacgtgta	tagattttac	180
agctgtgtct	tttsatttatt	taagatctgg	acgttgggtg	ttggctatgt	gttgactgtt	240
tcattcaagt	ggaatgcaag	cactgaacgc	tacttgagaa	cagtttcaat	tcctgtctgg	300
atttatattgc	tttttcattt	aggtgggttc	c			331

<210> 27478

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27478

ctcccatgca	ttgagctccc	atctagcttc	agcagggcag	aacccttctc	cagatgtgtg	60
taacttatgt	cttgagtatc	tgggagtagt	tgaagaacag	ataattcctt	ccaaacatca	120
agccttggga	ttcttggagc	aagcagaaaag	ccagtaactt	cgctctgtta	gaggtggagg	180
attttcctat	ggttcccccc	ttct				204

<210> 27479
<211> 206
<212> DNA
<213> Homo sapiens

<400> 27479
agcaacccgt ttggttatct ttctgtgctg aggaagggtt gttctttcac tctgcactat 60
tttgcaataa atattgctat tgctcacttt gggtttatat tgcctttatg agcttgtaac 120
actcaccatg aagggtctgca gctttactct tgaagcttag cgagaccact aaccaccag 180
aaggaagaaa ctccggacac gcgcct 206

<210> 27480
<211> 226
<212> DNA
<213> Homo sapiens

<400> 27480
tggattgaaa taaattccta gctccacggt caggctcagta ggctgccatg atgaaatttg 60
aagaagagtc tgttatgatg tgtaatacca atttctggag ggcatggctg ctctccgaag 120
tactctaaca tggacagaag tcgtgggctg gtggagtgtt gcgtcgctgc ttagtgatgt 180
ggcagcatgg tggccaccgc actccacctc aacacgggga ggggta 226

<210> 27481
<211> 219
<212> DNA
<213> Homo sapiens

<400> 27481
gacagcccac tggaaagctt caatacagct gwggaaatct gcaccctaga agatcctagt 60
acagaaattc tacaaccaac cataatcatg gaagagccaa cttccagcac caacgagaat 120
aaaatgaaga gcccttgtga atctaacaaa agaaaagttg acaagaagaa gaagaatctg 180
cacagagcct cagcccctga acagagtttg aaagagaca 219

<210> 27482
<211> 313
<212> DNA
<213> Homo sapiens

<400> 27482
gcagctcccg cgcttgcgcc atccgtcacc gccctccctt tgtgtcgtct cccggtactc 60
agtttggaac ggcttgagaa caaaggggcc tgagagggaa gctgcttct agtgccgagc 120
cccagaagag gtggataggc ccgaggggag cttccctag gccttatctc ttcccgcct 180
gtgcatgga caccgttctc ggaggccgct cccacactt ggaaaggctg cccacmakta 240
tgcagacacc cggtcggcgc gcgtcctgag gccattcagc tccccggacc gccctcccc 300
gcgtcgcccc tct 313

<210> 27483
<211> 164
<212> DNA
<213> Homo sapiens

<400> 27483
agtttcgtcc gagctcagta gagttttgct gttaagactg cgcaaggagc tagagagagc 60

ggagagcgcg gascgggccc caccgcccga gccgtgaaaa aagtacatct cctggaagg 120
atgcttttta gctgagctct ggtggatgag aggagctagc cttt 164

<210> 27484
<211> 107
<212> DNA
<213> Homo sapiens

<400> 27484
atgattaagt ggctaaccct tttctctcca agtctcttta tctccagta aaagaggagt 60
gacagaatac acctcccagg aactgttaca aggattggtg agataac 107

<210> 27485
<211> 231
<212> DNA
<213> Homo sapiens

<400> 27485
attctcctgc gtcasmtccc gagtagctgg gggctcccgc caccacgccc ggctaatttt 60
ttgtgttttt agtacagacg gggtttcacc atgttagcca ggatggwmtm tatctcctga 120
cctcgtgac caccacacct cggcctccca aagtgtctggg attacarrtg tgagccacca 180
ctccctgccc traaaggcct aatctttaat gacctcctg tgcgtgtgaa a 231

<210> 27486
<211> 228
<212> DNA
<213> Homo sapiens

<400> 27486
agagcgtgas cgcgacctcc ggcgaggtgg tgcgcgggt ctccgcgga atgttgtcca 60
aagdtcttcc agtctccta ggcattcttat tgatcctcca rtcgagaaca tgwatacaga 120
gaagwgctma aatcataaag tgtacagctg atgagttann cagaatatga ccacagcgw 180
gtaaagaaag ccaaatcaaa ggacccgaat gtgagcagga cctcagaa 228

<210> 27487
<211> 197
<212> DNA
<213> Homo sapiens

<400> 27487
ttctttatat ctttattcta taagttttta tctatttct tatttatttg gtttttgagc 60
taggatctca ctctgttgcc caggctggag tgcaatggca tgatcacagc tcatagaagc 120
cttgacttcc tgggctcaag caatttctct gcctcagcct ctgcagtagc tggaactaca 180
ggcatatgcc accactc 197

<210> 27488
<211> 111
<212> DNA
<213> Homo sapiens

<400> 27488
acaagtcattg tacaacstca acctccacca caaaaggag ccattggaaa ttatgagact 60
caatgtgttt ttttctcagc aataaaggca tcccagatact gttccttttt t 111

<210> 27489
 <211> 489
 <212> DNA
 <213> Homo sapiens

<400> 27489
 cattaagct atctttaagt ccaaagcct cgcaatgctt tatcaccatg ctcttttcta 60
 ctgttaagga aaattaaacc ttcatttctt tatctgatct tcttggtatt atagcagatg 120
 acccatttat gtaatacaca tttatgttta ggtacaacat aagcatagga ggtagcctac 180
 acccttgagg attcatcata gtgtatagt tagttggaaa tagacatgga taaaaacagt 240
 atttacaag tacacttcat aacaagtaga tgattccaaa gtagctcata agtattggga 300
 tattaacaa attacataaa acgtaacaaa attttgcctt atggaacaad taaatcatgc 360
 atgtaatatc atttgttacc tagttaattg ctttctaaaa gtgtttgcac ttcttttgaa 420
 tagctaagaa gccccnnng ctattgtagc matattcaaa tattattaac attggctggg 480
 cagggtggy 489

<210> 27490
 <211> 183
 <212> DNA
 <213> Homo sapiens

<400> 27490
 aaaagttaat gctctaaatc ctctgttagg acgccaaca tctggatgca cacagcatga 60
 ctactagtgc tgagcagcca cccacagagg gcatatgcac aaagacatta aatgtaaaag 120
 raatggmmtg tgctgagcaa crragaaarc tgtatcagag ataaaaacca tacagtaagc 180
 ttc 183

<210> 27491
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 27491
 taattataag caaawataat atgtgcaatt tctggatagg atccttaaaa aggagggtag 60
 gtggatgtc cttccaatcc ttctcccttt cttctagttg gaatatggag ctccagcagg 120
 tacttgacc atgagttaac cttgaggggtg gaagacattc acaatgaaac agtaaaatag 180
 aagaaccccg agctccagag agccctagca acct 214

<210> 27492
 <211> 131
 <212> DNA
 <213> Homo sapiens

<400> 27492
 cagttcccc cttccctttc ttttaataga aatgtttctt ggtgaggtgc agtggcttac 60
 acctgtaatc ctagaacttt gggagaccga ggcaggtgga tcccttgacc ccaggagttc 120
 aagaccactc t 131

<210> 27493
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 27493

agatgggctg cggaactcc accgccacca gcgcgggcgc gggccaaggc cctgcaggag 60
cagccaaaga tgtaacagaa gaatccgtaa cagaagatga caagaggagg tatgtttggt 120
attgcagctg gctttagttt gaatggtttt ggccatacct catggattta acacactgta 180
gcatattccc aataga 196

<210> 27494
<211> 54
<212> DNA
<213> Homo sapiens

<400> 27494
attaattttt ttctctaatac ttttatctaa tgacttcttt tttttttttt tttt 54

<210> 27495
<211> 84
<212> DNA
<213> Homo sapiens

<400> 27495
gtcgtgcacg cagttcccaa cacttctcgt catcctctct ttggtctctt tattctgctg 60
agcgggtgctg ttaggatttc tttt 84

<210> 27496
<211> 244
<212> DNA
<213> Homo sapiens

<400> 27496
aatgtttttaa tcgaagaatg taatgaatat aaggctaatt tagcagaagg taggaggtgg 60
cctaaataag cttattgatt tttttcttaa gagggcaaat ggaacctctt ctaagtgtgt 120
gtggtttata atgagatata atttatgtat acatttttaa. cgtgcaattt agtgggtttt 180
ttggtatatt tacaaggctg tgcaaccacc accactgtct ccttcacaaa catttttagtc 240
accc 244

<210> 27497
<211> 217
<212> DNA
<213> Homo sapiens

<400> 27497
caaaaaaatt aaaatagaaa taaaaacata aggaatttaa gaaaaaacct tagaaaaata 60
ttagaataca tttaacaggc caaaatttat tatttgaaaa attaataaaa tagacaagtt 120
ctaatagacag caatcaaaga gaatgagaag cagcacagta aatattaaga tatgaaaaga 180
ctacataact actagtatac tagtaccact cccccc 217

<210> 27498
<211> 139
<212> DNA
<213> Homo sapiens

<400> 27498
aaaattctca ctgcctaaag attgggctgt ctgggagggg cccaaccacc ttgtccctgc 60
aggagaaaag gcgggatggc agagagagca agttctctgc actggaacac aggatctccc 120
tcctcacaa cctcccacc 139

[illegible]

<210> 27504
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 27504
 taactactgt cctattctgt gttttatata gtcagaagtt tatgatactg aaatgtctgg 60
 gaaaagatta ctcagtaaca gttacacttt ttcagtttgg acaaccctgg tcatataatt 120
 tgtttctggc tatttttatt atcgatttct tactgctgat ccagtaagtt atagaattgt 180
 actagtagtt ttttaatggg cctgttatat tctcttaatc tgggataatc tttttagatt 240
 gagtcagacc tc 252

<210> 27505
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 27505
 ctggaacaat aaatgtggct gtgcagttta attctgggct gtgtgtatcc atctagctaa 60
 gtctgcagtt ttctttcctc caaagacaac tcttgtagat aagtagagaa atttaagctc 120
 acatgtattt gacaratata gtttagtaga ctatgctctat gtgcttttca ctttcctcgg 180
 attttctctc cctgat 196

<210> 27506
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 27506
 aatcacagag aatgmagaag gaaggctgtt cgagaaatat gggcagctct tacaggaaaag 60
 cccccagcc tctaacaggc cctctctggg catcgaaggt gccagtggtc ttccaaggcc 120
 c 121

<210> 27507
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 27507
 tcaacctccg cctcctgggt ttaagcaatt ctctgcctc agtctcctga gtggctggga 60
 ttacaggcgt ggcccaccac gcctgggctaa tttttttgta tttttaagta gagacggggd 120
 ttcacatggg tggtcagggt ggtcttgaac tctcctaacc ttgtgatccg cctgcctcgg 180
 cctcccaaag tgctgggatt acaggcatga gcaccgtgcc tggccc 226

<210> 27508
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 27508
 cactctgaac aggtgggaaa gaagtgaact gcttggtcac ttgctgctgt tgccactgct 60
 ggtacmgaag tagaaggtaa gacagcacia aaaaacaaag acaamaaaabc tccaagctcc 120
 cttcagtagt tgctacacct tcagattgag acgcccttcc tcatttacag ncctcagctg 180

tgtctggggg cagggccaca gtgaaactgc caggwgcaaa aaggcttcca agaaaaagta 240
ccacatcaga ttggaaactg gggacagatc attccttggg atgtgacggg caccaga 297

<210> 27509
<211> 128
<212> DNA
<213> Homo sapiens

<400> 27509
aatTTTTcca ttctggactt ttcataataa agtaaccata taatatgcta ttttttgtga 60
ctggcttcgt tcacttagca taatgttttc aagggtttatc cacattgtta ctggaatgac 120
tatttctt 128

<210> 27510
<211> 259
<212> DNA
<213> Homo sapiens

<400> 27510
attghtckaa aaacagagtc ccaggcaaca gggacagaga gactggccca gcaggggctc 60
tctrggccaa ctgagcaagg tgacagggcc caggaaagga gctgttgccct gcacaagggc 120
agatggagwc aaggaatcag tgttcatggg atcctggctg wccccacart gtcgtrgctg 180
aaccdtacia gaacasaagc aagtgaagca caggtagnsa gccacctcaa gggggaagta 240
ntgataacga agggactca 259

<210> 27511
<211> 74
<212> DNA
<213> Homo sapiens

<400> 27511
ttcataaatt ttgggtctttc tgcaacattt gcattgtgcg tgattccttt cttttcatct 60
tcattaacct tttt 74

<210> 27512
<211> 112
<212> DNA
<213> Homo sapiens

<400> 27512
attctttcct gcctgccatg atgtaagacg ttcctttcac cttccactat gattgtgagg 60
cctctccagc cacgtggaac ttggccagtt tcacaaagag gctgcaggaa gc 112

<210> 27513
<211> 85
<212> DNA
<213> Homo sapiens

<400> 27513
aaaaaacccc aawtctagaa ggaawtacag caaacctag aacgctttta acccttaaga 60
catcttgtat taaaagaaaa aaaaa 85

<210> 27514
<211> 236

<212> DNA

<213> Homo sapiens

<400> 27514

tawaaatatc	taactagtaa	accttaaaaa	acatagttat	ttataaagta	gctggggcca	60
ggtgcggtgg	ctcacgcctg	taatcccagc	actttgggag	gcagaggctg	gmagatcaca	120
aggtcagaca	ttggagacca	gcctggmcaa	tatggtgaaa	ccccatctct	actaraaata	180
camaagttag	ctgggcawrg	tggcaggcac	ctatagtccc	agctactctg	gaggct	236

<210> 27515

<211> 302

<212> DNA

<213> Homo sapiens

<400> 27515

actttgggaa	gctgaggtgg	gcagatcatt	tgagctgagg	agttcaagac	cagcctggac	60
aacatgctga	aaccccatct	ctactaaaac	tacaaagaat	tagccaggca	tggtagcaca	120
tgctgtagt	cccagccact	caggagccta	aggcaggaga	attgcttgaa	cttccccagc	180
ttcaagagga	agagtctgca	gtgagccgag	atggcgccac	tgactccag	cctgggtgac	240
aagagtaaaa	ctccctctca	aaacaaacaa	acaaacccaa	aaaacaaata	gcaacagcaa	300
cc						302

<210> 27516

<211> 413

<212> DNA

<213> Homo sapiens

<400> 27516

taggtatatg	ggacttatgg	aatccagact	ccagaggttc	agtagttgag	cagctccctt	60
gatgatcttg	ggcttcgtga	ggcagtcctt	gccctcgttc	cccatccctg	ggtggattcc	120
tgctgtcact	gatgctggct	gcctctgcta	caacagccca	ggtacaaagc	cctaccatgg	180
tgcagtgcac	tgtggaggac	ctgctaaata	cctggggctg	agctctgcac	agttggggac	240
tgggagagga	ttagagccat	ccctgttctc	aaggaggcta	cagtccaggc	tctgacaaag	300
agtaaattgg	taactgtgac	aaagaccagc	atgtgagatg	ggccaaaagg	gaggcacaga	360
taaagcaaag	tggaatttag	agatttgaaa	gagtawatca	agctgagcag	tca	413

<210> 27517

<211> 208

<212> DNA

<213> Homo sapiens

<400> 27517

catagtttta	gtcctctaac	tagatgagtg	gcattgggca	agataactaac	cactctggga	60
tttggatggg	ctatccataa	agcttcatgc	ctgggtattat	gtactgagac	acatatTTTT	120
cacacacggt	gaaaagatct	tttggtgaaa	ggtcaggagg	ctaccgtctc	actcatamtc	180
ctcttccaat	gaaatgttag	ccagcgcc				208

<210> 27518

<211> 143

<212> DNA

<213> Homo sapiens

<400> 27518

gcatattgaa	gtggagattc	cataattatg	tcagtgttta	aaggtttcaa	attctgggaa	60
------------	------------	------------	------------	------------	------------	----

accagttcca aacatctgca gaaaccatta agcagttaca tathtaggtta tacacacaca 120
cacacacaca cacatacaca cac 143

<210> 27519
<211> 110
<212> DNA
<213> Homo sapiens

<400> 27519
tagattcttt gggattttaag aaaaatgtct aggatttata atagtaggtt tggtatttttc 60
cagtttttgt gtatttttctt tttcttttctt tctttttttt tttttttttt 110

<210> 27520
<211> 207
<212> DNA
<213> Homo sapiens

<400> 27520
ccttttactt ttacctatgt tgacaattac aatatattgc tacagttttt acttaggcag 60
tcaattatat gttagaaaac ttttaaataa aaataaatat atgtatttta tatgtataac 120
atatatatat acacacacac atttctggac ataaatcttc atttttaaaa ataaatctaa 180
ctttctgtcc aatattatac accttca 207

<210> 27521
<211> 177
<212> DNA
<213> Homo sapiens

<400> 27521
aagggtggag ccctcccaat ccagagctgg aatgggtttc ccagaagaaa gcctgtttcc 60
ggtaccagaa gaagcagaac aagtaactga cttctgtccc ctgcagcaga ggaggacact 120
gaggctccgg gaagtgaana gtcttgctca aggaggcngn actgcactcg caacatc 177

<210> 27522
<211> 454
<212> DNA
<213> Homo sapiens

<400> 27522
ctcttggttct ctttcttcca acattcacca tcatctgtaa ttaattatat atccatccat 60
gogtttttctt gtttgacatc tttttccac gctggactgt aagctgctgg aggacagaag 120
ccatgtttat tcaacacctt ctgcgcagcc tcaaacgatg gccagcacag aggaattgct 180
cagatatatta ttgagtaaat gagggaggga gggaacaaat gaacagataa atttcagctt 240
gtagaatctt gacctaagga ctctgctacg cactaaggga cttcagtgtc sccattctgc 300
tctttgttgt gatgaacttt gctcttctaa agcaagtgtt tttcccctag attattttta 360
tagaaaaaag tgaagcaaat atagagataa ttattgattc ttgctcatca agtccctggt 420
ccctatcacc aacatcctcc ctgagagcct gcct 454

<210> 27523
<211> 392
<212> DNA
<213> Homo sapiens

<400> 27523

cattgcgccc	cacagctacg	tgaagtggga	agggccgggg	ttcgttgggg	cgagagagag	60
atgagggtct	cactttgctg	ctcaggacac	catggatacc	cagggaccag	tctcccagcc	120
ttttcagcag	cctgagaaac	ctggtcgtgt	ccgtcgtcgg	aagactaggc	gggaacgtaa	180
caaggccctg	gtgggcagcc	gccggccatt	agcccaccac	gacccctcctg	tggccattcg	240
ggatccacct	gtggtcctta	ctgcctccaa	gctcgtgggc	ataaaccagg	gccggctgag	300
ccgggnagyw	ccgggggtctc	ttcnnnscac	gaggtgaaat	ccctagatgt	tgcaaggctg	360
cttagcagtg	ggaccctggg	gccaggcagc	cc			392

<210> 27524
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 27524	
ttaatctaaa	atgtacttta
tttggtttgtt	ttttgagaca
catggctcac	tgtaacsttg
acaggccggg	gccccacgtc
	cagctaa
	60
	120
	180
	207

<210> 27525
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 27525	
tagatctcag	agaggaaggg
taggggaaaa	ggagtcataa
	tggggr
	60
	86

<210> 27526
 <211> 438
 <212> DNA
 <213> Homo sapiens

<400> 27526	
aggatatctat	tgatcagtac
acatgggtgg	ttaaatttatc
taagtataag	taacactgga
ttctgggtgtg	atatactaaa
atttccctgt	attattgttt
tcaattaaaa	aaccaaaatt
taaatttgcc	tttgagaag
gcccatagtt	arccnwaa
	60
	120
	180
	240
	300
	360
	420
	438

<210> 27527
 <211> 168
 <212> DNA
 <213> Homo sapiens

<400> 27527	
aaataaacga	gacggatgca
ttttcttagg	caagcttata
atgttctaaa	aagagagaac
	aattttccag
	taaaattaac
	tctgtgaa
	60
	120
	168

<210> 27528

<211> 330
 <212> DNA
 <213> Homo sapiens

<400> 27528
 agacagtcac ctcaggagca gaaagaaaag agctcccaaa tgctatatct attcaggggc 60
 tctcaagaac aatggaatat catcctgatt tagaaaattt ggatgaagat ggatatactc 120
 aattacactt cgactctcaa agcaatacca ggatagctgt tgtttcagag aaaggatcgt 180
 gtgctgcac tcctccttgg cgctcattg ctgtaatttt gggaatccta tgcttggtta 240
 tactggtgat agctgtgggc ctgggtacca tggctggttt caaagctgtg gaattcaaag 300
 gataaattaa tgrngaaaac aagcggasac 330

<210> 27529
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 27529
 acctcggtta catcacagca ggtccaggcc aatgataacc ttataagagg ccatgtcgaa 60
 gcgcgacatc gtcctcacca atgtcacctg tgtccagttg ctgcgacasc gtgcccgttg 120
 accagagcac cgccccacc tgaagcctaag gctgaagttg agccccagcc acaaccagag 180
 cccacaccag tcagggagga aataaagcca ccaccgccac cactgcctcc tcaccccacc 240

<210> 27530
 <211> 158
 <212> DNA
 <213> Homo sapiens

<400> 27530
 agaaagagaa agacggagag gcagagaccc wkgggagccg akkwkcgag acacggaccc 60
 agcagggtca cgcgggagga gactcgggac acccactcgc tggctgccac cgggagcaga 120
 ggggggctcg gccgcccct cccacatcag tctccaga 158

<210> 27531
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 27531
 agaagcaagt cggcaagccc agattctagt ggcaagttca cagactccat ctcttggtgg 60
 ggggtgtggc aagccaatta cagaagagca aatggaatgg aaaatgtctg cgagaaagtg 120
 accaattctg tatctccga gctgmaacct tatttccaga ctctgccagt aatgaccaa 180
 atagattctg tggctggaat caactatggt ctggtggmac ctccagcaac cacggctgag 240
 aamcctggat gttacagatg aagtgatgga gtttcccgmt gcccatgacc gcatgggtata 300

<210> 27532
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 27532
 ttgggatggg ctttgggtcc ctggtagcac aagtgttcag taaataaatg cttttactac 60
 aagaaaaatt ttaccatatt ttccgtaaat tattatgaag cccttggcac catgcctgac 120
 ctacagtagg tggccagtaa ataagtgcac ttgctgttat tgtatgaagc ccttggcatg 180

acacctggca catggtaggt agctaataat tggggcttct attgctgttg cctggcacat 240
agtgcgtgac aat 253

<210> 27533
<211> 226
<212> DNA
<213> Homo sapiens

<400> 27533
tcaacctccg cctcctgggt ttaagcaatt ctctgcctc agtctcctga gtggctggga 60
ttacaggcgt gccccaccac gcctggctaa tttttttgta ttttttagtag agacgggggt 120
tcaccatgtt ggtcaggctg gtcttgaact ctccctaacct tgtgatccgc ctgcctcggc 180
ctcccaaagt gctgggatta caggcatgag ccaccgtgcc tggccc 226

<210> 27534
<211> 268
<212> DNA
<213> Homo sapiens

<400> 27534
aaaatccagg tgctccccta agaactttgc acgtgtatgt gtgtgtgtgt gtctgcctta 60
ttgaaatgtt ttaaaactac aaattcccca ataatggggc ctatatcttt ttctttatat 120
cctcagtatt tatcaatttg tctataatat agcaagaaat tgatacacct ttgttgaact 180
gagcaaaatg aaagcactat atttaccatg aagtcttttg aaacagggtt acaagattat 240
gctatgagan daccagaag tgaacaga 268

<210> 27535
<211> 187
<212> DNA
<213> Homo sapiens

<400> 27535
aggagactgg gacttcctga agaagggggg cggaaggagt ggcggggagc ccccccttt 60
ccacgcccct tggatactcc atactggagg agagaggagt ctcaactctc aaactcccct 120
tttgaggggc gattactgaa atggagaggt taaattcaaa ggctccactt ttaaaagacc 180
tgtccct 187

<210> 27536
<211> 200
<212> DNA
<213> Homo sapiens

<400> 27536
acgccattct cctgcctcag cctcccgagt agctgggcac tacaggcgcc cgccatcaca 60
cccggctaatt cttttgtatt ttttagtagag atgggggttc accgtgtgcc aggatggctc 120
caatctcctg acatcgtgat ctgccacact cggcctccca aagtgtctggg attacaggag 180
tgagccaccg cgcccgacc 200

<210> 27537
<211> 104
<212> DNA
<213> Homo sapiens

<400> 27537

acatgcgtca ccacgcccag ctaatTTTgc agTTTTagta gagactgggt tttactatgt 60
tggtgaggct gagtctcgaa ctcccaacct cagatgatcc gccc 104

<210> 27538
<211> 279
<212> DNA
<213> Homo sapiens

<400> 27538
attagaatgt ggttaatttc tccactgagc tagaagcaca tggTTTgcag aacattggct 60
acagtaagaa catactctgc atcagagagg gttcaacatt aacaacgtct gtaaaaacag 120
aatcacagct gtcaagaaga gtgctTTTctc catgtactgt gaaacacatc catctggatc 180
cacctattta agctacatgc ctagcctcca gagtcatcca gactTTTtagc ataagaactc 240
aaatgagaaa tcatgaagaa tgcattaaca nbaatccgt 279

<210> 27539
<211> 234
<212> DNA
<213> Homo sapiens

<400> 27539
agtgatgggtg gwaaaaaaaa caagtcaatt catttagact ggtagaacca gaaccackgt 60
gtagtacatc caaacggtta aaattccctg gaagatgtta cataatccta tcatgggtgtt 120
tatttatgga aatctatttt aaaaatttta tgtaatactg cacagtctgt ttgcatgatg 180
ccttgtagct agtagcaact cagtaaatac tttttgaatg aactagtata gtat 234

<210> 27540
<211> 325
<212> DNA
<213> Homo sapiens

<400> 27540
catattagat gtaacagttt aaaatggatt gcaaatcaat gtcagactta aatagaaaat 60
atTTattatc acctcatttc taccaataat ttcagatgtt taatgggact ttgaaaagat 120
aggaaaaaat agaaatgaaa atTTatctca cTTttaatac tgtgaatact atTTggaggg 180
tccctgggtca gacattTtaa tatcaaactt aagaactgac atggagcctt tgattagttt 240
atatacagga tctgaatatt tacacacata gcacactata gcaacctctt gtaaaaaatc 300
atgaagatag aatgcaacag tgcgc 325

<210> 27541
<211> 79
<212> DNA
<213> Homo sapiens

<400> 27541
actccagaat caaagaaagg ggggatttcc tctaactgc tttgaattgg gacctcagtt 60
tttgtctttt tttttttt 79

<210> 27542
<211> 96
<212> DNA
<213> Homo sapiens

<400> 27542

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt 60
gtagagcacc gaaaaccacg aggaasagag gtagct 96

<210> 27543
<211> 202
<212> DNA
<213> Homo sapiens

<400> 27543
aaaaaacac gattacttcc aactgccttg cggaggaggc gcagtcgtgc ggtgtgactt 60
ggacagcttg ctgctctctg atggcacgcg gagggagaat aattaaaaag gccagcatca 120
cttactaagt gagtaaacac agagccgttc caatcgtgct ctccagctaa tgagaagctg 180
waatttctta tacttcaagg ac 202

<210> 27544
<211> 118
<212> DNA
<213> Homo sapiens

<400> 27544
cttaaaccctt tatcaaaaca gaacattacg tctcccagaa aaagttttca tgcctcttgg 60
ttcttcaacc ttagacaaag acaaccactg ttgtgatttt tttttttttt yctttttt 118

<210> 27545
<211> 134
<212> DNA
<213> Homo sapiens

<400> 27545
catttttgatt agattaattc aggtttggtg atatgttgct tgcttttgct ttcagctggt 60
aagtcttttc atgccctggt ctatgacaaa catggacctg ttttctgtca ctatcatttt 120
gcttttacgc cccc 134

<210> 27546
<211> 56
<212> DNA
<213> Homo sapiens

<400> 27546
agtaacgtac tctggtctat ttctatggtg tggaaacttt gttgttggtt tttttt 56

<210> 27547
<211> 151
<212> DNA
<213> Homo sapiens

<400> 27547
aaaacacaga ctttttttct tcttgatttt tctgaagttg ttttatataa aatataattg 60
ggatttgcca agaattgtgaa atattccatt ataataatgc ccttagccgg gcgtgggtggc 120
acactcctgt aaaccagca ctttgggagg c 151

<210> 27548
<211> 180
<212> DNA

<213> Homo sapiens

<400> 27548

gagaagattt	aaattttatt	tctatactgt	atattagact	ctaagcttaa	gtgagcttaa	60
tattagaaaa	aatatataat	agtattcata	gcaatataat	aattgttgca	ggaagtcagg	120
gaccccgaa	ggagggactg	gctggagcca	cggcagagga	acataaattg	tgaagatttc	180

<210> 27549

<211> 191

<212> DNA

<213> Homo sapiens

<400> 27549

gcccgcacgc	cgccgctgga	gctagagacc	agccggttcc	tgctggaagc	tcctgggtctg	60
atctggggat	accatgtcca	agccccccga	mtcctgctg	cggtgctcc	ggggcgcccc	120
aaggcagcgg	gwctgcaccc	tgttcatcat	cggcttcaag	ttcacgtttt	tcgtctccat	180
catgatctac	t					191

<210> 27550

<211> 429

<212> DNA

<213> Homo sapiens

<400> 27550

ctattttgct	tgaagaaagg	tcttgttggt	agacaaaaaa	aatgaaatcc	tgcttggtct	60
tcccatccca	gtgtgtgtac	cccagcatgg	aatataagag	caccgctccc	acttgcttca	120
atccatcgtc	tgtctccctg	tgtccctgat	gtcctctggag	cagcagtttt	tgataacttg	180
gaaggttatg	ccatgtggga	gctggcatga	gacccagcat	catgaaaacc	actcaactaa	240
ggctctggga	tatatgctta	gatggvntgg	gccatcctgg	aaatgtgtga	cctggagtga	300
cactttcgtc	tcctgagaaa	agaggatgac	agtacacatg	ctgtcgcctt	caaggggtgt	360
catcggggta	gcatgagata	gcagatctga	aaatcacttt	taaaaacttt	taattttgat	420
tcacacagt						429

<210> 27551

<211> 105

<212> DNA

<213> Homo sapiens

<400> 27551

agaggccggg	cccagacaga	gtgtggcggc	ggcggcgaga	tctgggctcg	ggttgaggag	60
ttgsyatttg	tgtggaasga	ggcssaggcg	cagsmgaag	asgct		105

<210> 27552

<211> 142

<212> DNA

<213> Homo sapiens

<400> 27552

tagccttttaa	tctttttgta	gaatgccaat	gagactcctc	cttccaggac	agctgggagg	60
gtcgggaagt	cctcagtga	tgttcatcat	caggaaaacc	ttggtggatg	atgggcagga	120
gggaagcttc	agcagtgggc	cc				142

<210> 27553

<211> 274

<212> DNA

<213> Homo sapiens

<400> 27553

cattctctca	taagtcttgg	gtcttccctc	ccattcttcc	ttctttcttt	ttttcgagac	60
agggctcttg	tctgtagtgt	gctaccactc	ccagctaatt	tttaattttt	ttttttatat	120
agacggagyt	cgttatgttg	cccaggctgg	tctctaactc	cagggctcaa	gtgatcttcc	180
tgacttggcc	tcccaaagta	tagatgtgag	cttctacacc	tgtagtgcta	gtattagaga	240
tgtgagcctc	tacgcccgcc	accatgcccc	ggac			274

<210> 27554

<211> 251

<212> DNA

<213> Homo sapiens

<400> 27554

tcatcagcaa	agcaaggaca	aatttttctt	ttttgataca	gagtctcact	ctgtcaccca	60
gactagagtt	cagtgggtgtg	atcttggccc	actgcaacct	gcgcctccca	ggttcaagca	120
attctcctgc	atcagcctcc	tgagtagctg	ggatacaggc	acatgccacc	acaccagct	180
aatttttgta	tttttagcag	agatgggggt	tcactgtgtt	gaccaggctg	gtctcgaact	240
cctgacctca	a					251

<210> 27555

<211> 59

<212> DNA

<213> Homo sapiens

<400> 27555

tcaacttttt	aatgtatccc	atctgggttt	cttttctttc	tttwwttttt	ttttttttt	59
------------	------------	------------	------------	------------	-----------	----

<210> 27556

<211> 91

<212> DNA

<213> Homo sapiens

<400> 27556

aaaaaaatta	atcctaaatg	tcatagaaca	agaggacgag	tacacaccac	atgtatagtc	60
agccctccat	gtgtgtgggt	tccamatctg	t			91

<210> 27557

<211> 319

<212> DNA

<213> Homo sapiens

<400> 27557

tcgtgactct	ctgtcaagtg	cttgtcccta	atctaatacag	cttaagccag	ttgagatgct	60
ggttatcttg	tataaaccat	gtttacctag	gacgggtgag	aaagctcttt	aacttagaag	120
aagcttgaat	gtcacaggta	caatgtttca	tttctattat	ataataaatc	caccaagcct	180
ctaataatgt	atTTTTtatt	taaagaaatg	acatatatac	acacacaata	taattgctgt	240
ttwgccatcg	aaagtaatgg	caaaagccgc	aattactttt	gcatcaacct	aataaattct	300
gaagatcata	agcatatca					319

<210> 27558

<211> 251

<212> DNA

<213> Homo sapiens

<400> 27558

```
ccccctggcc ccaggagcgg ctgctgcggc ggagttaggc cggccgcagt gggaaaaccc 60
tgggcgccct ctgggtctca gcgtcccatt aggacggttc cgcgctgggt gccgcacgcc 120
gcacagtggg caacgctttc acaggggtct ttgcatttca ccgcacaca gcagmtcctg 180
gaggsmggcc akgaacacac ttaacccatt ttgcagacag aaaactaagg ctcaaagtgg 240
ggaggagact t 251
```

<210> 27559

<211> 130

<212> DNA

<213> Homo sapiens

<400> 27559

```
tcaggagttc aaggccgaca tcaagttcaa gagcgcgga cccggtcaga agctcaaaga 60
gtccgtgggg gaaaaggccc acaaagagaa gcccaaccag ccagccccc ggccgccccg 120
ccaggaccca 130
```

<210> 27560

<211> 317

<212> DNA

<213> Homo sapiens

<400> 27560

```
gccaaatcat caacaagttc gtgaatagcg tgatcaacac gctgaaaagc actgtatcct 60
ccctgctgca gaaggagata tgtccactga tccgcatctt catccactcc ctggatgtga 120
atgtcattca gcaggtcgct gataatcctc agcacaaaac ccagctgcaa accctcatct 180
gaagaggacg aatgaggagg accactgtgg tgcattgctga ttgggtccca gtggcttgcc 240
ccacccctt atagcatctc cctccaggaa gctgctgcca ccacctaacc agcgtgaaag 300
cctgcagtcc caccgct 317
```

<210> 27561

<211> 288

<212> DNA

<213> Homo sapiens

<400> 27561

```
ccgaaagtgc tgggattaca ggcattgagc accacgcctg gctaagatca ttattttctg 60
tttttagtca ggtgatctca taatcaaaaa atgtttaatt gatgatttgt caattttag 120
ttttggccac taaaactaca agagttagga tgcaccttta tattacagtc atacataacc 180
tcagctagtg aagaaaaact gctctatttg tggaagataa gatacttttt acatccctt 240
tatgatattt taaaccctta gtgcatgcag gtatatatgt agactcac 288
```

<210> 27562

<211> 226

<212> DNA

<213> Homo sapiens

<400> 27562

```
ataaaagcaa gctgcccag ccaggggtgg caaccactc ggtcctgttc cacattgtgg 60
aagctttgtt cttttgcat ttgcaataaa tcttgctgct gctcactctt tgggtccaca 120
ctgcctttat gagctgtaac actcaccacg aaggtctgca gcttactca tgaagccagc 180
```

gagaccatga acccactggg aggaacgaag aactccagac gcacca 226

<210> 27563
<211> 307
<212> DNA
<213> Homo sapiens

<400> 27563
gygatgatgg agctgtggct ggatyttggg tctgagcata ctactctcgs statttggag 60
acctccgtaa gaacctatga taatatccat tgaaaatggt accctcctct gaaatcaaaa 120
ctctttaatt amagagacat gaaatgacaa gatyytmmaa acaatcccat gaggagaagg 180
cattctaatt taggaagaac tcccccttgg aaaaaccatc agtgccggaa gatttcctat 240
tgtgttgatc catggcaaag gaagactgca gatacacaag ggatattatg gagcccagac 300
gacctga 307

<210> 27564
<211> 250
<212> DNA
<213> Homo sapiens

<400> 27564
agcagacaga aaaattcgct gcaagtacag cactttctag attgctcctg gagtgtggga 60
acaacagtct ctctgtcca cgttactgaa tccagaaaaa agaaacaaat tcaaggagca 120
gcagccaaat acctacgttg gctttaaaga gttctctaga aagtgttcgg aaaaatggag 180
atccatctca aagcatgaaa aggccaaata tgaagccctg gccaaactcg acaaagcccg 240
ataccagtaa 250

<210> 27565
<211> 181
<212> DNA
<213> Homo sapiens

<400> 27565
aggacagatg aggcagaagg ggaggttagg gaggtttgaa gagtgagaag aacttctgca 60
gtggctgact tggaagatga aggaggttat gaaccagga atgggggcag cctctagagg 120
ctgagaacct gctgacacct acccacaacc gctaaggaaa tgaagacttt aattccacaa 180
c 181

<210> 27566
<211> 63
<212> DNA
<213> Homo sapiens

<400> 27566
gataatatct aagggaataa aactttgaaa aaaactcacc aaactttttt tttttttttt 60
ttt 63

<210> 27567
<211> 285
<212> DNA
<213> Homo sapiens

<400> 27567
taaaggttat gaaaactaag ttatattaat tcatatgttt gatTTTTTaaa tcccacctcc 60

tcaagctatc	gaatcttctg	actttgaaaa	taaccatgag	agatgccaca	tttctctctg	120
ggaaactacc	actcaaagaa	taattgttaa	aaattaagct	tttaggtatt	agaagctgtt	180
ataaagtata	aaattaagat	ataagcagat	cacatgtaaa	tcattcctaa	agcacaagaa	240
aagaatgtgc	cttgatgtac	atatattact	aagttgcctc	tccca		285

<210> 27568
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 27568	
tcggtctgag	tttttttgaa gsmggagaag agcaatgtwa catgccatat tccactgttt 60
ttgatgctaa	tccactagcg caattattta gatttgctca tacactaaag aaaacacaat 120
tggtcatata	tgtctcagta tttctgtatt amatattcat aatatgtatt ctgccctatg 180
gtttgcatct	ttgtaagtta aatattctaa tttatcaatt agcagaataa ttatcataag 240
atccaaaaat	gtcttccaga caccctcgca cacaggccay kt 282

<210> 27569
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 27569	
tatgatagtt	cttttagtgt ttcccaccac ctttttcaga gtaagcaatt agacgtctag 60
agtttctttt	cctctatctc tttgggtaaa tagcaaccag tgggtgccgc caccacgctt 120
ggctaatttt	ttgtattttt agtagagatg gggtttcacc atactggcca ggctgggtctc 180
agactcccaa	agtgttggga ttacaggcgt gagcaaccgt gctgggccta ccattt 236

<210> 27570
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 27570	
gtaagggtatt	tcacatcatt cattattttac taatcgaagt agaaggcaaa atgatatgct 60
gaaasagaga	tggaggctta atgagaaaag tgtatgggtt gggaagagag taccataaaa 120
gttactgcac	agc 133

<210> 27571
 <211> 267
 <212> DNA
 <213> Homo sapiens

<400> 27571	
gtttggatgg	ttggcctctt gggttacaagc atgtacatta tggttctctc cttgcctgga 60
actggatatg	agaaatgctt gaattaagat ctgtgaatta tcttattttc ttgtcagaag 120
gatgcagatt	gccatactt catagcagag caacaggagg gacttaggga caaaaagctc 180
aaaggcaagg	aagactgagg aagctaagtt actggccata tgtttaataa atataagctt 240
aatggmagtg	aatgtattaa tgtcagc 267

<210> 27572
 <211> 142
 <212> DNA
 <213> Homo sapiens

<400> 27572
actcctggcc tcaggtgatc cgcccacctc ggcttcgcag agttctggga ttataggcat 60
gagccaccat gctcagccca ggctggtcta tttctgagct aatcttctgg ggtggggttt 120
ttggagcatc acatacccct ca 142

<210> 27573
<211> 182
<212> DNA
<213> Homo sapiens

<400> 27573
ctttctgaaa atatcagaac aaaccaaagt actttttttc tctcactcaa caacaatcaa 60
cacagaagac ttctgtgacc aaatgtgtgg gttttctccc caccacaagc aagaaggcag 120
ttctacatcg gacaattcca acatcgacac cttctacctg gaggtggcct cacacccac 180
at 182

<210> 27574
<211> 113
<212> DNA
<213> Homo sapiens

<400> 27574
gagtgaagga ttttgccatg gagaaggaga aggaccata gcagtttgtc aggttcatgg 60
aatccgagct ggacctaaat gacatcattc aggagatgca cgtgggtggcg cat 113

<210> 27575
<211> 192
<212> DNA
<213> Homo sapiens

<400> 27575
tatattccct atttgtgatc ttaaaagaag gactccagga aagtgttcaa atattcatat 60
atctaaactg gaacatatgt ttatatTTTT aaaagtagcc tgagagggtg gcaactaaag 120
tcatatgttg aatgatcatt tctcaagagt ttcattttat ggtctttctc ttgttctgta 180
aatgtgggc ac 192

<210> 27576
<211> 180
<212> DNA
<213> Homo sapiens

<400> 27576
aaacttttaa ataaatggaa tcatagcatt tgtgttgttt catgtttcat acttgcattc 60
tacagttacc atggcttccg gttattagct ccagcccaaa cttctctctt tttttgctta 120
gcaatatgtc ttgaaagtct tcttacatac acacatacac acacacacac acacacacac 180

<210> 27577
<211> 269
<212> DNA
<213> Homo sapiens

<400> 27577
ttaaaaaatt ttaggctgg gtgtggtggc tcacgcctgt aatcccagca ccttgaggct 60

gaggaggcct gacacctgag gtcaggagtt aagagaccag cctggccaac atgggtgaaac 120
 cttgtctcca ctaaaaaatac aaaaattagc tnbgtgtggt agcagggtgcc tataatccca 180
 gttactcggg aggctgagac gggagaatca cttgaacctg ggagggtgaag gatacatgga 240
 gctgagatcg tgccattgca ctccagcct 269

<210> 27578
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 27578
 ttttttttag catttataac tctgtaagag tttaggatag tttagttatg agtgacagaa 60
 aaatctaaag caaactggct tataccaagg agaactaatc agccatgttg agcatgactg 120
 attcccttgt ggtagcaaga tggccacctc ccacactcac accaaattct aga 173

<210> 27579
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 27579
 agtggagtga amacttttaa tagcacttgt tccttgagta tatatggaaa aaagtgaagt 60
 attgataagt gctcagctaa tatgagcagc atctcaggag tctccaattc ttgaattacc 120
 agggagtatt tttaccattt tccccagtg aaaggcctat tttgagagac ttaccctcca 180
 aaatgaatgt attaagtcac gttccttttt tttttttttt 220

<210> 27580
 <211> 357
 <212> DNA
 <213> Homo sapiens

<400> 27580
 cgagggttgc tatctccgtt ttctgatgga aaagcgtgga gttcagaagc attgctcgtc 60
 ccttcagttt ctaacaagtc agtaatctca tagcaattta aatttaaagt tttgaattac 120
 ctctccttc b ctggttcaga gccagggtctt ggagagacca ggaagccaag agtttcctcc 180
 aagaatggag attccttggg agcgatgttt gccttgagta aagaaagatg aatcacatgt 240
 ggtcaaaggc agttgtccag ggtctcaaga aaagagccag aaagaggagc tggggctgct 300
 gggattgtgg gggtcctctc tcccaccta aaagctacta ctgcctgctg acctnnn 357

<210> 27581
 <211> 305
 <212> DNA
 <213> Homo sapiens

<400> 27581
 atagttgtca gagtgagggg gactggggct gcagcagatc cgcttgtaga gcctgaggat 60
 aaggccaatg ctgggaaggg aaaccaaaga gaacaacaga gatgccaagt tcatgataag 120
 gtattgttat gctgtccagc acaggctggt gtctaactcc tggattaaag ccatcctccc 180
 tcctcagctt ctgagtatc tgggactaca gaggtagacc tcagattgca gaagaccatc 240
 agaccaaga gtacaacaca ccaggatctg gactttccac tgtttttaaa gttttcacag 300
 gctgc 305

<210> 27582
 <211> 276

00513999.02400

<212> DNA

<213> Homo sapiens

<400> 27582

agttggcggg	ggcactacca	gcccacccca	cctctgggac	aggggagacc	ctaggagcta	60
acccccactt	ccttctctct	gcaggaccta	tttcccattt	tcctgctctt	gcctgaacca	120
gttattggct	gtggtttcga	aatggctgat	catgaggaag	agtctgatcc	gacacttgga	180
ggagcgaggg	gtgcaggtgg	tcttttggtg	ccttaatgaa	gagtcggatt	ttgaagcagc	240
cttcagcgtg	ggagccactg	gcgtcataac	ggatgt			276

<210> 27583

<211> 373

<212> DNA

<213> Homo sapiens

<400> 27583

tcattttaca	ctcacatggt	gccaaaataa	tctttgttat	gtgctgctcc	cacaataaga	60
tctttccccc	tgctttttatc	tcctaagggtg	gtggacctca	agccttttgg	tatcaaaacc	120
cttggtgcct	cttaagtgat	tgagggtccc	aaggaacttt	tcttcattgtg	gatttttgtc	180
ttatcattgt	ctgccagatt	agaaattaaa	accaagaaat	ttacacttaa	aatagctgta	240
ataaacctat	tacatgttaa	cataaaataa	cattttttatg	aaaactgttc	acaaaaacaa	300
aaaaatttag	tgaaaagtgg	ccnntgtttt	acattttttg	cagatctctk	wcatgcctca	360
ctgaataaaa	aga					373

<210> 27584

<211> 240

<212> DNA

<213> Homo sapiens

<400> 27584

gttttaaattt	atgcactttt	agatatcaga	atatatgctt	gaacaaagga	aatagtaa	60
tagctatatg	tctgctgggt	tcacttcgat	gtggatatgg	atatgtggat	aaagacagta	120
aatgaratta	aaaccctgct	gttttaaata	tcattaccag	atataattga	gggaatatta	180
tatcaacaaa	catattgaaa	cttggtctta	tttgtaacgt	aaactatata	taatcccatc	240

<210> 27585

<211> 110

<212> DNA

<213> Homo sapiens

<400> 27585

tgagatgcct	ctagatttgt	tctwtttgww	tagtcttgct	tggctatgca	ggctcttatt	60
ttgttccata	tgaatttcag	gatttttttt	mmtagtctctg	tgaagaatga		110

<210> 27586

<211> 75

<212> DNA

<213> Homo sapiens

<400> 27586

aaggaaggga	gggagggatc	tcttgacctc	ttaaactctt	agcctgggga	actagtgtga	60
cccatgtct	ctctt					75

<210> 27587

<211> 200
<212> DNA
<213> Homo sapiens

<400> 27587
agcaacccgt ttggttatct ttctgtgctg aggaagggtt gttctttcac tctgcactat 60
tttgcaataa atattgctat tgctcacttt gggtttatat tgcctttatg agcttgtaac 120
actcaccatg aagggtctgca gctttactct tgaagcttag cgagaccact aaccaccag 180
aaggaagaaa ctccggccac 200

<210> 27588
<211> 253
<212> DNA
<213> Homo sapiens

<400> 27588
gacctggwag atgrmwaaga aagaagttga aattagtcac tttaagtttc agtgtaccaa 60
cgataagggc atttgaaca gtgctatcag gtgagctcag tgggtgctgtt gtaggttcag 120
aaatggaaat atgtaaggga ggtcacacat acactttacc tgtatgttca acctatgtta 180
tcaaacaaat caattcacca ataatagcat gattagtagg aattcccaaa aagtttttaa 240
aaacacgaac agc 253

<210> 27589
<211> 287
<212> DNA
<213> Homo sapiens

<400> 27589
attgatatta ccacatcatc aggaaggcga ctttcatgta gatgaaaagc attccaaatg 60
gctgcagttt aaccttatca gatgagaaga aaacgggac aactatctaa taagaaaaat 120
caaggaaact ccaactggag agttatggct actgcagtac ttaatataac ataggctggt 180
cckycaggat cgttgactgg agttctgaca cacatgacag agcccgactt ccgggatgag 240
tgatcactga gcatgcgcag gacctgtgcc gtctacaccc gccccaa 287

<210> 27590
<211> 171
<212> DNA
<213> Homo sapiens

<400> 27590
ccgcctccc ggttcaagca gttctttgcc tcagcctccc gagtagctgg aattacaggc 60
acctgccacc atgccagct aatttttgta tttttgtag agacagggtt tcaccatctt 120
ggccaggctg gtcttgaact cctgacctcg tgatccaccc gcctcagcca t 171

<210> 27591
<211> 265
<212> DNA
<213> Homo sapiens

<400> 27591
agttgggggtg atcgtaaca tttagactgg agctgtttcc ctggagggtgc gcccttgga 60
agggcctgac tgtgtgaaga gtggacagca gtccctcgcc ccctgctggg ctgcgggtaa 120
agtgggtgct cctgtgtccc cgctgttccg cctgtgcact ggccgacttt ttaaagccat 180
gccccaaagt gctgtcctcc tgcaaaaccg agcccgaaga acagtgcaaa gtgaagtcaa 240

actgagtatt tacctgggcc cgcg 265

<210> 27592
<211> 287
<212> DNA
<213> Homo sapiens

<400> 27592
aaccgctgg ggtccctttc cacagtgtgg aagctttgtt cttttgctct ttacaacaaa 60
tcctgctact gctcgctctt tgggttaact gcttttatga gctgtaacac tcaactgtgac 120
aatttgcagc ttcactcctc agcccagcga gaccacgagc ctactgagag gaacgaacaa 180
ctccagacgc actggtttaa gagctgtaac acttaacgaa gaaagtctgc agcttcactc 240
ctgaagccag cgagaccccc accacatctg agashctgag sacatcc 287

<210> 27593
<211> 201
<212> DNA
<213> Homo sapiens

<400> 27593
atgagccacc gcgcccggcc ctcttggagt tctttatttg ttatcacagc aacgacccaa 60
aagctcagct ttggaaagtt ctgatgtcat gagaaggaaa gtatcctcct ccaatgctga 120
agttattatc aaagttgacc taccgctcag aatgggcttc aacagagggt ggcgcgcact 180
gagctacctg tgagaatgtt t 201

<210> 27594
<211> 111
<212> DNA
<213> Homo sapiens

<400> 27594
gtgttctcac cattgttcca tctgagagga gcaccctttc tgcagaaagt aaaaattgcc 60
ttgctgagga aattaaatat aggtttgagt gctatttctt tgtgacaccg a 111

<210> 27595
<211> 440
<212> DNA
<213> Homo sapiens

<400> 27595
taaacaaaaa gaatataagg catagaagaa ttgtcctcta aaaatatcaa tgatgtatcc 60
tggaatgtga agatgtccct ttatagttaa aaattgaatt attttaatat tgtaccattg 120
ttagaccttg aatgagtcca tgttaccgtg tgtgtctgta tatctatctg tagagaaaga 180
aaaatgacaa ctgaaatgtt acttttaaaa atcagaataa attgggcact gtctgtgttg 240
caccactact gtatcttttc gaaagaatta acagtatttg cctattgtaa aggttaantc 300
tgatgacgtt ttcacattca ccagactttt tttcctgtaw tatttgcac cccaaatatt 360
taataacaagt agattctgca tggcttgggc attcagagat taatagaatg atgactcaat 420
tttaattcta aagccatgat 440

<210> 27596
<211> 242
<212> DNA
<213> Homo sapiens

<400> 27596

taaataaata	aataaaatat	aaggtctcag	gaacgtaaag	attgacattt	actcccaaac	60
tattaatata	tgtccacca	cctttcttgt	agcaaaatct	taacttgacg	tttgtttcaa	120
tagttattaa	atttaattat	aatgtcctag	cccaaaatac	agtagaggta	aacatccaag	180
gtactggctt	gaggccactg	gccctgtatc	tataaaggag	agggagacca	tcaggggcgg	240
ga						242

<210> 27597

<211> 425

<212> DNA

<213> Homo sapiens

<400> 27597

atataagagg	gggcgggaga	caagccctat	cagcacatcc	cagawaatgg	gaaaccgaat	60
cacccagggg	atggcaagga	atgaccagag	ggaaagttcc	agttctgtcc	aacatgcact	120
accagcccca	ttttggaaaa	gaacagattt	aatagacctc	accaagacaa	gaattgtttt	180
tcgtcaaagg	aatcaaaagg	aacaaacaag	aggcagtgc	caccagagac	ttcacctttt	240
ggtgtaggaa	aacccaagca	gacagtgtct	acatccatca	aagcccaatg	tattaaatat	300
ttattgaata	agaaccacg	gactcttct	taccagagcc	ttagattgcc	atgtgcgtct	360
gattgtctca	aagacaagac	tattgtgatt	ttggcccat	atgcatttta	gagtaacaag	420
tctta						425

<210> 27598

<211> 273

<212> DNA

<213> Homo sapiens

<400> 27598

agaattttct	ggtcagtcaa	caacttagtc	catcthnngg	tccttataag	tatatcagga	60
cacaattacc	acggggttgc	ccagggtcct	ggactggaaa	catggagtca	cttccagtta	120
gttccaccga	agctccacca	cagamctgcc	tgaggactct	gggtaaataa	cctcaggccg	180
cttcagtgtc	tccamtgctg	aaaaggggga	agtcacatac	acawctgcgt	tattgtacag	240
acgataaatg	amadhtttct	cagccaacaa	tct			273

<210> 27599

<211> 61

<212> DNA

<213> Homo sapiens

<400> 27599

acaatattta	aaggccctta	gtaatgcmay	tgtggccggg	cgccgtggcc	tcatgcctgt	60
a						61

<210> 27600

<211> 94

<212> DNA

<213> Homo sapiens

<400> 27600

agaacatgaa	gtctaggaac	cggcatgcgc	ataacctccg	tatataaatg	atgctgaaga	60
gccgttacgg	tttttttttt	tttttttttt	tttt			94

<210> 27601

<211> 277

<212> DNA

<213> Homo sapiens

<400> 27601

ctgtttctaa	agagaatgaa	tagctcctta	tctacaagtg	taaattataa	agagattttc	60
ttttgcaact	tcaggaaca	ggaacttttg	ctgccaaatt	tagcaatgtg	ttttaagtcc	120
ctcaaactct	ctttgagtgc	taccaaagct	ctgagctttg	ttgttatctc	ttgttgaaat	180
acagcctgga	aagggtcatat	caacagtgcc	aatttatggg	cctgctgagc	ccagacaggc	240
ctagggcaga	atagggaggtt	cctaagagta	gaggcgc			277

<210> 27602

<211> 268

<212> DNA

<213> Homo sapiens

<400> 27602

cctaatagcc	agccttcttt	gtgatgtgga	aataattatc	agcatgtaaa	agactatata	60
tatattcaac	aattctgata	cctgaaaaa	ttcaaata	caactgattt	gcttcctggg	120
ctcctgaaaa	caactttgtc	aaaattgttc	agaaatataa	tcagccaatc	gttgcccctt	180
ggggacgcag	gataaagcaa	gtcagccatg	accaatgagg	agtcggccgt	gcacaattac	240
atgcagacct	gmaggacatc	gagtcct				268

<210> 27603

<211> 237

<212> DNA

<213> Homo sapiens

<400> 27603

attctcctcc	tgcctcagcc	tectgagtag	ttgggactac	aggcgcccgc	catcacgccc	60
tgctaatttt	ttgtattwtt	agtagagtcg	gggtttcacc	gtgtagcca	ggatggcttc	120
gatctcctga	cctcgwgatc	cgcccacctc	cgctctcca	agtgtgga	ttacaggcat	180
gagccaaccgc	gmcggccct	tgtattttta	aactttgact	ttatggagac	gaccacc	237

<210> 27604

<211> 136

<212> DNA

<213> Homo sapiens

<400> 27604

tagctcagca	tgggagtgtg	cacctgtagt	cctcctagct	atttagggg	ctgagatggg	60
aggatcactt	gagbccagga	ggtcaaggct	gcagttagcc	acaatcaaac	cacattacc	120
cagcctaggt	gacagt					136

<210> 27605

<211> 51

<212> DNA

<213> Homo sapiens

<400> 27605

tectgcwgcc	ccctcgctag	gacccggcgg	acgtcgtct	ggttttcacg	c	51
------------	------------	------------	-----------	------------	---	----

<210> 27606

<211> 439

<212> DNA

<213> Homo sapiens

<400> 27606

catctctgaa	ttgggttttac	tactcagaat	aagtataaat	tatagggmmc	tctcgaaatg	60
tcactgagaa	tgagcatagc	agggatactt	tgaggataaa	ggtaggcttt	catataatca	120
tacttttctg	tccaagcta	tatttaaatt	gtttagtgtt	tagaagcatg	tgatcttatg	180
gagaaattaa	atattattta	gaatttatca	ctacggttta	atctcatgcg	ttgtcacaac	240
caggctcttt	tcacctttgc	tgctaaactc	tgggattacc	ttaattttgt	ccttaggagc	300
tcagcataat	agattttgtt	acttacctg	cccatgttcc	cgctgcctc	ggggcctttg	360
cacttgctct	tctcgctcgc	gtaaccamac	ttaattctta	tcttttctta	agctctgcca	420
ccccagtgtc	actgccttt					439

<210> 27607

<211> 273

<212> DNA

<213> Homo sapiens

<400> 27607

catcagaatt	ttcacagaga	caccccccca	acacacacac	ccgcagcatg	cgctccttga	60
aagtgtcaat	agcttcaata	tgaggctggc	acttctgcat	gactgttggt	gttcagggcc	120
agcctagtct	tggggagtag	gccatctgta	gcagctgcag	aaatgttttt	gcttattttg	180
agcattctaa	gtttttccta	gccatgaata	acaacaaatc	gaataaatca	tcccacagtg	240
tgtaggatgg	tcgttttttt	gttttttttt	ttc			273

<210> 27608

<211> 94

<212> DNA

<213> Homo sapiens

<400> 27608

actccactt	atgagtgata	acatgtgggtg	tttggttttc	tgctcctggt	agtttggtga	60
ggatgccttt	ttcttttttt	tctttttttt	tttt			94

<210> 27609

<211> 63

<212> DNA

<213> Homo sapiens

<400> 27609

gataatatct	aaggaataaa	actttgaaaa	aaactcacca	aacttttttt	tttttttttt	60
ttt						63

<210> 27610

<211> 181

<212> DNA

<213> Homo sapiens

<400> 27610

agtccgtcct	ggtttcaggc	aagatgaagg	gagcttgtgt	ctacaaaggg	ctggcagctc	60
ccatccagag	catggctggg	cctgatagag	ccacacctgg	aagcatttat	rrccacacct	120
gamagctccc	tctggggwgg	ggcaccmag	ytcccgtctg	ggccaagagr	cctcaaacac	180
c						181

<210> 27611

<211> 308

<212> DNA

<213> Homo sapiens

<400> 27611

gttcttcccc	gaagtgcct	gctggtgctg	ggagtagggc	gcaagatgtc	ggcggatgca	60
gctccgagga	gggtcttgcg	gtgtcaccca	ggctagagta	cagtgggtgca	atcatagctc	120
actgctgcct	caaactccta	gactcaagca	atcctcctgc	ttbagcctcc	cgagtagctg	180
ggactacagg	tagatgatgg	gctccacggg	aacagagcaa	acgttgcctc	ctgctcctac	240
acgggtgttc	ctctaaacct	gagggtcagc	cracttgtca	tcacttaaaa	cccaattcag	300
agcgggta						308

<210> 27612

<211> 198

<212> DNA

<213> Homo sapiens

<400> 27612

atgttgagc	tttaaagata	cagctgtatc	aggccaggcg	tggtgactca	tgcttgaat	60
cccagcactt	tgggagaccg	aggagggcga	tcgagaccat	cctgactaac	atgggtgaaac	120
cccatctcta	ctaaraatac	aaaarattag	ccagacttgg	tggtgtacgc	ctgtagtccc	180
agctactcag	ggggcggcg					198

<210> 27613

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27613

accagaggat	ggctgacacg	aaggggcacc	cgagacagcg	cctgggcttt	ttcccgcgccg	60
cggttccacc	gctctgaaac	cgattttctaa	cagagagaga	catagtcttg	ctctgttacc	120
catgctggag	tacggtggcg	agatcacgac	tactacaac	tttgaattcc	tggtattcaag	180
caatcctccc	atctcagcct	cgta				204

<210> 27614

<211> 292

<212> DNA

<213> Homo sapiens

<400> 27614

aatcccagct	ggcgtgtggg	aacgggcaac	gcattttgta	cggaagctac	tggggcaggt	60
gatgcctacc	cagtctctct	cctctgttga	acaaaggatc	tgtaaaaatt	ggaagggtct	120
aamgtcttct	tcagaaaagt	gacgcatttg	ttactgggat	ggtaagggtc	agcaaagtct	180
atgtcattct	ctaatecttt	tgatccagcg	gattctttgg	aggaatttga	atacatattg	240
gattttgcat	ccagggtttgc	aagaggaaaa	tacaaagggtg	acttctgggc	ct	292

<210> 27615

<211> 471

<212> DNA

<213> Homo sapiens

<400> 27615

accaaataatg	tttcattcta	aagcccatgc	tcttcaccaa	caaagcccaa	cttgatttaa	60
tttatcccca	aacataccaa	catccatttg	ttagttccct	tcaccaattta	actttaagcg	120

tctcacatac	atacactggt	tttatcctaa	caacaagttg	gtgaggaact	gagctcagag	180
aggttaatcc	accactgaa	aggcaccag	tgtttaagag	cagagggagg	ggcctgacac	240
aggtctttcg	gagcatgaca	tgcatgttct	gtccacaagg	cctgttgctg	cctttccccc	300
agaggtccag	actgaggaca	ggacagagta	gataaagaca	gcagtknng	aggaggcagt	360
gggcaatatg	gggaatctag	ggbywgcagt	atgctggtcc	catataaatc	aggcccgggg	420
gagggggcca	gacagagggg	ggcagactct	ctgtactcca	gcaagacaat	c	471

<210> 27616
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 27616	
attcctggat	attttgtatt
gttatttttg	tgagctaaat
cctttttgtct	cctttttttt
60	
cctttttttt	ttttttttt
87	

<210> 27617
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 27617	
cctttttttt	attccagata
ttgatgaatt	gaatgyaatt
caaataagcta	ccttccttgc
60	
taccagcgc	tcatacattg
ccttctccct	gctactttct
gtcctttttc	tctacatttt
120	
ttttt	
125	

<210> 27618
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 27618	
caaatttatg	cctattgtat
ttcgccccct	gctggtttag
ctcgtgtgca	agcttgaatt
60	
tgtgtgtgtg	tagaaactag
aaattgattt	taaacgaaca
catgcttgtt	ttcattttac
120	
agctctacta	aacagaaata
tcaaaataag	aacatatgac
tagaccttaa	agcagaccct
180	
acactaagaa	catgttttaa
ctaaatgaat	ttaaactgca
ctccagcctg	cgcgacagag
240	
tgaaaccctg	tctaaaaaaa
aattaaatta	aattgcacac
cccctca	
287	

<210> 27619
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 27619	
caactcttac	tgaatttgta
aaaaccgtga	ataattttgt
tcaaagggtg	catttgtagt
60	
ttgggacaag	ttatctgtga
atcataggag	aacacatctt
acaaaactca	tgacactgt
120	
tgaacaagct	actttaagga
tatcccagag	cttccaaaag
accacagagt	ttgatacaaa
180	
ttcaacggwt	atagctctca
aagttttctt	tttkgattca
taataacatg	awacatatct
240	
atcctcatat	gaatatggat
ggagactacw	taaakatatt
tccaawgaga	aaagctgcat
300	
atgabncaaa	tggcaatggt
gcagttgcat	ttgtatatt
339	

<210> 27620
 <211> 282
 <212> DNA

<213> Homo sapiens

<400> 27620

tttcctgctt	tccaracacc	tgggcatctc	agtgtcggtc	cggccagact	actgcataca	60
agaccgctct	tcccttttca	aacccaaacc	aagtaccctc	tctcgtgtct	tcagagctgc	120
cagccggccc	aggtcccgc	gcttggcggg	cagcaccagt	ccgacggctg	ctttcaccac	180
cagatagatc	atctgtagag	ggaacatcac	cagcgcgccc	agccgtttcc	acaccatcct	240
ccgcgcgcgc	agccgggcag	ggggcgaaac	tccccggcgc	ct		282

<210> 27621

<211> 356

<212> DNA

<213> Homo sapiens

<400> 27621

gtckcatttt	gcctttgwaa	tggaagtcac	ttccaagtgt	ctgttctcta	ggttttcctt	60
tttttctctt	ttagaaattg	gacacttcaa	taaaatttgt	aattacgtcc	atctgwgatga	120
htattwgmatt	tyratgksca	tatctnstgc	cagattgtaa	actccgcgag	tgacacatac	180
agatccatta	tggttctcat	catatcccta	gctcctagcg	cagtgcgggg	cacgtataag	240
tgctcgaaag	ctcccacgtg	gtgatggagc	taagcttgcc	cccttccatg	tgtgactacc	300
caamtttctg	tctcctctc	ttcccggcct	ctctcagact	cctctgtgtg	catccc	356

<210> 27622

<211> 386

<212> DNA

<213> Homo sapiens

<400> 27622

atctgcatga	aagttttacca	acaagatccc	tgcttgcctt	ttgcaggctc	tccctgcaacc	60
atctacttca	tttttgatct	caggaagacc	agagctgagt	tttctggata	tgccgcagaa	120
ggwtccgtgc	caraagcaag	cctgtgagat	acagaaatgt	ttacaagcca	acagctacat	180
ggaatcdvag	tgtcaggctg	tcatsnaaga	actgcgtaag	tgttgtgctc	agtatcccaa	240
gggaagatct	gtcgtctggt	caggatttga	aaaagannrg	gmagaaaacc	taacacggaa	300
gtctgcatca	aagtaaagtt	cttctgaagt	gctgctccat	gtttccacca	aatgaattkt	360
ttttatcctc	ctgactcttc	aggcca				386

<210> 27623

<211> 331

<212> DNA

<213> Homo sapiens

<400> 27623

gtgcggcgcc	gttgcgggcg	ggagcggctg	caacgccggt	gcctgaggag	cgatgccgag	60
ggaaatcatc	accctacaag	ttgggccagt	gcggcaatca	gattgggttc	gagttctgga	120
aaamcagctg	gtgcgcccga	gcatggwttc	agccccgasn	rcatcgtgga	ggagttcgcc	180
accgagggca	ctgaccgcaa	ggacgtcttt	ttctaccagg	gcagacgatg	agcactacat	240
cccccgggcc	gtgctgctgg	acttgaacc	ccgggtgatc	cactccatcc	tcaaactccc	300
cctatgccaa	gctctacaac	ccaagggaaa	c			331

<210> 27624

<211> 143

<212> DNA

<213> Homo sapiens

<400> 27624
acaactatgt gattctttcc aagccaataa acatttccag taattttctta aaatagtgtt 60
catggcagtc ttacgacagt gcttctgact aatgtggccc ctgattccgt cgtcctagga 120
garavcytga catgwmwggc ttt 143

<210> 27625
<211> 203
<212> DNA
<213> Homo sapiens

<400> 27625
agcaacccgt ttgggttatct ttctgtgctg tgggaaggttt gttctttcac tctgcactat 60
tttgcaataa atattgctat tgctcacttt gggtttataat tgcctttatg agctgtaaca 120
ctcaacwtga aaggtctgma gctttactct tgaagcttag cgagaccact aaccaccag 180
aaggaagaaa ctccggacac gca 203

<210> 27626
<211> 337
<212> DNA
<213> Homo sapiens

<400> 27626
ccacaggtaa aaaattaagc aaaccaaaga cttcattaac tcttaggtaa ttaatatattt 60
aaactttgct tttttccact gggttgtcag catttttagt aaatataatg tttgattttc 120
gwwwtgtatt wkggwaatgt tttggattgt aaagtaaaat gtatgtagcc actttaagtc 180
ccagatttgg agatgtaatc aaatggcctc aattccaaag tgagtaacct taaataaata 240
gttatttttt taattgacaa ataagttttt tacatawtca aggwctacta catagtgatg 300
tttcaatata tataatgtat agtgatcaga tcggggg 337

<210> 27627
<211> 302
<212> DNA
<213> Homo sapiens

<400> 27627
aatacttaag tcttggaag tcataagtgg ggaaaatgtc tctcccaaga ttccaaagag 60
taaacttttg gccatatgat aattacattc cagtcagtga attaagcaaa aaatcatggw 120
atcagcaaca ctttgccckg ttattttcca aaaccacaac ggccagggaac caaaaggaga 180
tcaaaacctt ctcaaatacg ggacaacacg gtttctataa ttgatgaaga acaattaaga 240
ggagatcgta gacaaccatt atagatgtac cgttctttaa tgagaatttc tgagagacca 300
tc 302

<210> 27628
<211> 87
<212> DNA
<213> Homo sapiens

<400> 27628
taaattattg ttgattgtaa gcaccctgtt gtgctatcaa atactagatc ttattaattc 60
catctaacta trtttttgc cccatta 87

<210> 27629
<211> 135
<212> DNA

<213> Homo sapiens

<400> 27629

gattttwata tataaatatt atataaataa tgtatamaac attaaaagtt aactatgtaa	60
gatattatatt ctgaaacmat ttagctatat ccactatggt tatayactgt gtctcgacct	120
gtgttattta catta	135

<210> 27630

<211> 85

<212> DNA

<213> Homo sapiens

<400> 27630

tacaaagttg gaaatgaatc cyctgtacaa gaattgwwac aagatgtgtc taaaaagatt	60
attgaaagka ttattgagga gagtc	85

<210> 27631

<211> 90

<212> DNA

<213> Homo sapiens

<400> 27631

agttgctccc aaagaggatt tggtttgat aacagttgtg atcactggga aaatgctggt	60
caaatgtgga aaaacaagag tkggattagc	90

<210> 27632

<211> 222

<212> DNA

<213> Homo sapiens

<400> 27632

tgactggcca gatttgatta gattgtaatt ggagggggcg cgggaagact ttgggcccag	60
aaccatcttt ctattgtttg tgtagcctt accctgtccc tgccccacct tggttcccct	120
tgtctatgga gccccgcct tgtrwgccag gaagcagcgt ctcatcagga cagaaggtag	180
gatgaagaca tggggtaatg tgagagagta gaacaccccc aa	222

<210> 27633

<211> 112

<212> DNA

<213> Homo sapiens

<400> 27633

ttcctgcgaa acttgacacg ccatttgttt ctacgtcwga catcctcctc ttttckctgg	60
tccgtgggwg cwtktgcaag cgggaccagg ccccadcacc ygwaccagcw kt	112

<210> 27634

<211> 289

<212> DNA

<213> Homo sapiens

<400> 27634

gcgctcggtc tgacgagact aggccatgga gctgggttcg ccgctgacct ctccatctag	60
cgcgcgcccc cggcgccac cagtccagtg acccactact acctctttgc tcaccagcag	120
ctggctgac ttactgccg wgaatggca gacaaacgtc tactctgtgc tcttcagagt	180

[illegible]

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

ctcataaagc agaggtttgc cctgcatctg agaaagaatt agaacagaac tttcctccat 120
ttcattcccc accaga 136

<210> 27640
<211> 259
<212> DNA
<213> Homo sapiens

<400> 27640
tttcttaatg tawtttttagt tacatgtttg ctatttaaaa attttaagtt gtatTTTTac 60
acccaattta taagaatgtt tctagaagaa aatatattat tctaaaacat ataacttagg 120
ataaacattt taaaaaataa aattatagca ctgtctacct gagtaaaact acaggatatg 180
cttttttatac tttagaattt ctttttttatt atatatatca agaaatatat atcaatatct 240
tcattctcta ctaggcata 259

<210> 27641
<211> 250
<212> DNA
<213> Homo sapiens

<400> 27641
acaggggact gaacctcacc accccacaaa cacccttctc aggttttgcc aagaatgaca 60
ctgtaaagt aacaaagctt ctgtgcttgt tagtgaacac caactcagct cttctcctgt 120
attcagaaat caggatgaaa tgaaaacaag aagcaggccg ggcacggtgg ctcacgcctg 180
caatcccagc actttgggag gccgaggcgg gcagatcacc tgaggtcggg agttcgagac 240
caccccaatc 250

<210> 27642
<211> 182
<212> DNA
<213> Homo sapiens

<400> 27642
attggctggg cgtgggtggg tgcacctgta gtcccaggta cccgagaggc tgaggsrca 60
gaattgcttg agcctgggag gtggagggtt cagtkwccca agatcacacc actgcactcc 120
aaactgggca acagagccag actctatctc avaccamaaa caaaaacaac ccagagcaca 180
ac 182

<210> 27643
<211> 335
<212> DNA
<213> Homo sapiens

<400> 27643
cgattcatta acaaagtatg tagtcagtcc tcacttgtct cttataatt ggttcacatt 60
attacctgtc aataattctg aaatcccaat gcttttgga agttattttt ttcataagtt 120
tgcaactatc tcatttgggt gcaaaacttg actagaactt acttgatatt ttttacactt 180
ttttttttat tatactttta gttctggggt acatgtgtac aacatgcagg tttgtwacat 240
aggtatacat gtgccatgtt ggtagctgc acccataaac tcatcattta cattaggtat 300
ctctccta at gctatccctc ccccagacc cgact 335

<210> 27644
<211> 232
<212> DNA

<213> Homo sapiens

<400> 27644

ggtaccccc agtaaacttc ctaatgattt cttatgactg ttatcaggct ttattgggat	60
taggctaaag ttgttagtaa acttataaaa ggctgctatg gtaacactaa acctaagtgg	120
tctcttgtct attagtttgg tttgaattat tagtactatc ctgtagacct agagacatag	180
tttatataag aattgctaaa gctgaagttc aacttggctg agtgaagaac ac	232

<210> 27645

<211> 90

<212> DNA

<213> Homo sapiens

<400> 27645

gaggccgmggt tgggtggatc acgaggctcag gagatggaga ccacccctggc taacacgggtg	60
aaaccccgctc tctactaaaa aaaaaaaaaa	90

<210> 27646

<211> 246

<212> DNA

<213> Homo sapiens

<400> 27646

actgaaggta gggtcacagt caggccagge agcctttagg aacagcgtgc caatcacagt	60
ctgaggtaca ccctgactgg atcattagcc tctacatcac ttacctagaa tttcttacct	120
yaaagtaatt tgtggccagg ctcggtggct cacttctgta atcctaactg tctgggaggc	180
tgaggcgggc ggatcagttg aggtgaggag tttgagatca gcctggccgg cgtggccaaa	240
cccat	246

<210> 27647

<211> 250

<212> DNA

<213> Homo sapiens

<400> 27647

ctttgtacct tggtttcttc atttataaaa tggggctaatt attccaacct atctcctagg	60
gctgttgtaa ggattagatg aacttagtgc tgagaacaaa aacaatgcct gacacagagt	120
aagtgtattc atattagcta ttgttattga caaataattg tttggcatct actgtgccaa	180
atactttgct aggccttagt agctggagga ggaagaatga tgttctcggg acagtggggt	240
ggggggctct	250

<210> 27648

<211> 111

<212> DNA

<213> Homo sapiens

<400> 27648

tttttttaag ctcatcagct ttcattagtg ttagtgtatt ttatgtgtgg cccaagacaa	60
ttctttcttct ttcaagtgtg gccagagaa gccaaaagat tggacacccc t	111

<210> 27649

<211> 88

<212> DNA

<213> Homo sapiens

<400> 27649
gggaagggct gtcgtttctt agtgkwwwtc tctgctatta atgaatccaa aaccatgaaa 60
cttggaagat ggatggagct ggagtgc 88

<210> 27650
<211> 320
<212> DNA
<213> Homo sapiens

<400> 27650
gaagaggcag gactgcccgg cccagccttg gaggaagact tctgggcaga agcggaacac 60
aggagcagag acacatagtc ttggtccag tttcgtttca gtyatgcmca ccctttcagt 120
gttcatggat gtgcccctcg cccacaagct agagggcagc ttgttaaasm cctmcaaaca 180
agatgattac ccgaacaaga tattcttagc ctatagagtc tgccatgaca aatgaaggcc 240
atccctgggt ttwctcgwg ghvcagaaga ctgcactaca gatttcacag gatccmtccc 300
tgaattatga gtacttgct 320

<210> 27651
<211> 369
<212> DNA
<213> Homo sapiens

<400> 27651
cggtatttat tcacttgtag ttatcttaga atatgttctt ttatttttat tctaggcata 60
catacact ttaaggttat tacttcggtg atgttcagga ttttggttg gtaattactt 120
tcaaactctg gctagctagg tcactagcta ggtgaccctt gggmagattg tataaccctt 180
ctatgaactt cagttaccta taaattaact ataaattgga gatatgatgt tgggatgatt 240
gcaacaaatg ttttaagtgc ctggaacata ctagcagctc agtgaatggt agctgaaagg 300
agcaaagcca ttaaaatttg ttatgttttt ataggctcta aaagcataca ataggctggg 360
catggtggc 369

<210> 27652
<211> 133
<212> DNA
<213> Homo sapiens

<400> 27652
acgtgatgcg ccggctgtgc actcccctcg ggcgggcctc ctgttgcgcc cgctggcga 60
gttccatcac tgtaccggc tctgcswatc caagacagta tgcaaggcca cgacccrcga 120
gatcacggg cca 133

<210> 27653
<211> 130
<212> DNA
<213> Homo sapiens

<400> 27653
ctctttcact ttttccctgc tgagtgcccc ctcccacccc tcccactcca cacacaccct 60
gtttgcccgt gagcctgggg aacttgacgc ttaaagccag ccacccccac ggcaacatgt 120
acccagctc 130

<210> 27654
<211> 335

<212> DNA

<213> Homo sapiens

<400> 27654

cccaaattct tctcatcttg gaaaactgaa actctatacg tattaaactt cccattcccc	60
cagcccctga caatcaccat tctaccttct agctctgtga atgtcacaag tacatcatta	120
tgtgggatca tacagtattt ttttgtgact ggcttattat acttagcatg atctacgttg	180
tagcagggtg cagaatttcg ttcccttgaa aggctgaata atattccact gggtttagat	240
acaccamgtt ttgttgaccc attcaccat caaggnaccc aagttgcttc canatttttag	300
ctacagtga taatgytact agwaacataa gggca	335

<210> 27655

<211> 194

<212> DNA

<213> Homo sapiens

<400> 27655

agagcctggc gcggascggc gagatttttg tggggtctca cctgttgctg gactccccca	60
cagtccggcc gcgggagtc gaccctgaat gccavvgag tgttgmgaga aatctggacg	120
agtttcgggt cccgctccct tgggaracag tggcckacca gcctctcgat tgcagggttg	180
ggtggtcgcg acac	194

<210> 27656

<211> 110

<212> DNA

<213> Homo sapiens

<400> 27656

atgggactct tgggcctagg cagccgggac ccagccagcc ctgcgcctcg cgchngtcgc	60
kcatgcgtmm tggatgactg caagagcaaa cgacagcttt aaggaaagaa	110

<210> 27657

<211> 137

<212> DNA

<213> Homo sapiens

<400> 27657

attctcctgc ctcagcctcc cgtgtagctg ggactacagg cgcgcgccac catgcccggc	60
taattttttt ttatttttag tagagacggg gtttcaccgt gttagccagg atgggtctcga	120
tctcctgacc tcgtgac	137

<210> 27658

<211> 113

<212> DNA

<213> Homo sapiens

<400> 27658

ttattcattg tgctaattag attttcagag cctgtattt ttgtattatg atttaataaa	60
aataacaat ctttctctta aacacacaca tattatacaa gtcttacaga ggc	113

<210> 27659

<211> 277

<212> DNA

<213> Homo sapiens

<400> 27659
 agtaatggat ggctccaccg aggccaggtt ggggaagtgc agcctcgagg acactagggg 60
 acgaaaaact tcaaaaagaa gactcttttt attaatattt tggcggttctt tttggagagg 120
 aacttttkgg atgtagcctt tacctgtttc ctgaatttga catccaaaaa gccttttgga 180
 aaacaccatt ctaaatttat cctgtttctga atcatcatcg cttctgatag atgcagttgc 240
 ttgctgacat cgtgatcttt gattttgtac aacgnnn 277

<210> 27660
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 27660
 ataaatgctt gctgwaaagt tgcagttcac aagaatcttc tgcttctgtt atgtaaaaaa 60
 ttatttgtaa aagtccaata aggttacact aatgtttatg ttttgaaaat attacctctt 120
 cccatttagt actatatgta tttaaataaaa ttagatgggtg attttttttg gctttataat 180
 gtgggttcaga tttttgtaga aagtctggct gtgtctacat tgccttaaag caatgggata 240
 tttctc 246

<210> 27661
 <211> 309
 <212> DNA
 <213> Homo sapiens

<400> 27661
 attratctat gtgtctgttg ttatacgaat atcatgctgt tttggtttct atatccttgt 60
 aatatgtttt gaagtcagggt agtgtgatgc ctccagattt gttctttttg gtcaggattg 120
 ctttggtctgw tttgggttcw wttwtgggtc catacaaatt ttaggattat tttttctatg 180
 tctgtgaaaa gtggcatggg tattacattc aatctgtaga ttgcttttga tagtatggtc 240
 attttaacta tgtaattctt tttaatccat gagcatggta ttttcttttc acttgtttgt 300
 gtctctctc 309

<210> 27662
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 27662
 gcagrgtggg ccggagggcg ggcgcgcgcg ctgcctgtgc tgcggcgatg gccagtggtg 60
 tacaatcagt gcaggagcta atcccggact cctwcgwcgc ckgtgwcgcw gcgcctgtgs 120
 agcgacgraa gccragcggc tactcgtct caatcacctc agcttcgcgg astgmttaag 180
 cccttcckcc gmctcacttc cgaggttcac atgagagatc ctaataat 228

<210> 27663
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 27663
 caattagtcc tcccacctca gctccttgag tagctaggac tacaggtgtg caccaccacg 60
 cttggctaatt tttttagttt ttttgtggaa agagggtttc acattgccca ggwcggwctc 120
 gwgmwcctgg acttaagtga tcctcctgcw ttggcvkctc aaagcactgg gattacagac 180
 gtgagtcacc gcaccagcc aa 202

<210> 27664
<211> 271
<212> DNA
<213> Homo sapiens

<400> 27664
taatacagat catttaacat ttttcattaa ttattacata tcaccttgta tcctggagtt 60
aatttgatg tacattgaag tacaagtgtg ttttattttg tccattagat gactgtgaaa 120
atgtwatatg taaaattgaa tttttataaa ttttcataaa tagtactgct atttaaaaaat 180
gtataatttc agtaatgttt aatttttgct ttcattcatt agtgagtctt tgtggtttac 240
cttaactttt tctaattatt ctttcttttt t 271

<210> 27665
<211> 295
<212> DNA
<213> Homo sapiens

<400> 27665
gacagatgtt ctaccagtga acagtttcac catctgtgag attctgcctc tttagttgca 60
atggtagaag aagagagatt agagaatctc acatgggctt tccactacc cgtcccagaa 120
gtctcagaca tcattccttc tcaagtccat gggctagaac tgaccacagg acccaaccta 180
cctgcaagga dgctgagaaa tgtgggaagg tgaatggaat attaaatgga gtctcgcynt 240
gtcaccacagg ctggagtgca atggcggtgat cttgggtcac tgcaacctcc accca 295

<210> 27666
<211> 321
<212> DNA
<213> Homo sapiens

<400> 27666
atccttagaa agacatggga gggcaggggc aagaacggca gcctctccct agctcacatc 60
tcaccagggt tggctaagca gtccctcccct tgccccacga gtggcaggac agctcccca 120
cacttctcta ggcttaaagt acatgtggaa gggcgagcct cccaggattc tcaaacagaa 180
gcagcctgcc aggctgagcc atccagaagc ccataagctg gaacactaat gtggcaatga 240
ccaagtttta gccgtagaga tgaggccaac accctgtgga acaccggagc aaagtaacaa 300
gatagagcag ccagtgggta c 321

<210> 27667
<211> 214
<212> DNA
<213> Homo sapiens

<400> 27667
agttggggag cgcagatccg aagcagcgct gggagcgtaa gtgcgggcag agcactgcgc 60
cgtttgggaa cgcaactttg aggagacagt gcggtggact tcagtgaagt tccttaatga 120
mstccctgr aaawttsctt ccbtwakcat gggggcaaat gaaagtaaaa ggctctaata 180
caacctataa ggrctgcaaa gtatggccag ggat 214

<210> 27668
<211> 210
<212> DNA
<213> Homo sapiens

<400> 27668

caaaaactag ttgggtgagg tgggtgcacgc ctataatccc agctacttgg gaggtgagg 60
 caggagaatg gtttgaactc aggaggcgga gttacagtga gccgagatca caccactaca 120
 ctctccagcc tgggcgacag agcaagactc catctcaaaa aataaaatga aaggccctgc 180
 tgcacagag attcagtgc caaccctct 210

<210> 27669

<211> 285

<212> DNA

<213> Homo sapiens

<400> 27669

aacttcgcgg acttccggtt caagccggaa gttgtggtta ccaaggcgac gcaacgccgc 60
 ccggccaggt atcattagac tcttttattt ttataaggaa ggactttacc tagtcaaagc 120
 catcaatgaa gtggatgata ccagcaagca aackwctgt ataaagatgg agatctctca 180
 aggaggggac tttgcagcct tcctcctaca aggagccgga gatatttggc tggatgtgta 240
 taaattgccc aaggagactt ggctcaagaa actagagcac cctcc 285

<210> 27670

<211> 61

<212> DNA

<213> Homo sapiens

<400> 27670

agtttagcgac agggwgggat gcgcgcctgg gtgtagttgt gtgtggtttt tttttttttt 60
 t 61

<210> 27671

<211> 305

<212> DNA

<213> Homo sapiens

<400> 27671

agccacatc taaacaaaca gcaatttgcc catatgtgac taaggcagag aaagacaggt 60
 gactagaaat attaaaacaa aaacaaaaaa aaagagagag agagaaaaag rmaagagawa 120
 aatacatatt tcttcccctt actaagctag cgaaaataaa atttaaggca actgaaatat 180
 gcacccaatc aatgtgagac gagaccccag catccctatc tatggactcc gacagtccat 240
 cttattaaat accaggcttc aggactgcta tgtggamtca ccggctctca ccaamatctg 300
 gaagt 305

<210> 27672

<211> 114

<212> DNA

<213> Homo sapiens

<400> 27672

tgaatactgt aacadatata tttcacatag agcaaagtgt tgcacgtagc tcctctgaga 60
 tgggggtcccg tggtttctgt ttggacctt ccagggaacma ggaactccca catg 114

<210> 27673

<211> 403

<212> DNA

<213> Homo sapiens

<400> 27673

gagtagtgat	gtctakaggg	agctatTTTT	tgctgaggcc	actatgttct	gtaaatatat	60
aattTTaaga	gcaacctcac	aatccctgct	aagtggagtt	tattatttga	agactaaaat	120
ggaattcata	gttcctgata	ggtkawattc	tgagttatta	ttctgagtta	tctacaaaca	180
TTTTtgagat	ttgtctttac	actctgattg	tagtttccag	cagcccagmc	acactgccaa	240
gtaagtctca	TTTTttcctg	ttagaaatgg	tgaaatatca	tataatcact	tataaagaaa	300
actgatatga	aaaaatttta	gagttgtttg	ctttatggtc	actcaagtag	ggtaagtgtt	360
ccacaagttc	cacaagttga	tagtttaaca	tggatgtctg	aaa		403

<210> 27674

<211> 112

<212> DNA

<213> Homo sapiens

<400> 27674

gagactgcc	cctgaacact	ttgggctcct	catgcctctg	aatcaacggg	caaagaakag	60
agttatagat	cctaaccacc	caggagaaat	tcggtggcca	ctacacaaac	ar	112

<210> 27675

<211> 68

<212> DNA

<213> Homo sapiens

<400> 27675

ttattatacc	tcaataaagt	tgctgctgct	gctggTTTT	gtttttgttt	ttgttttttt	60
TTTTgaga						68

<210> 27676

<211> 112

<212> DNA

<213> Homo sapiens

<400> 27676

ttattatacc	tcaataaagt	tgctgctgct	gctggTTTT	gtttttgttt	ttgttttttt	60
TTTTgagatg	gagtcctcgk	gttgcccagg	ctggagtgca	gtggcgcgat	ct	112

<210> 27677

<211> 450

<212> DNA

<213> Homo sapiens

<400> 27677

tgatagtaaa	gttactttct	taggttatgc	aggaaattgg	gggaagggag	gcaggatggt	60
atcaatgcga	ggaaaataat	ccacatgggt	ctatttttaa	ctagtcagtt	gttgTTTT	120
taatcacawt	wctaaaattc	ccttttgata	agcaagaacc	agccatctaa	tttgactcct	180
tccttgttat	tggtttggaa	ttgagacctg	gtgattccat	tcagatgttt	gtaaatactt	240
tattgcactg	aagtctggta	tgtgtatcta	ggccctcttt	tcatttccct	ttgaagcacc	300
tcaaaaatac	accttaattt	tcctgtctct	tctcaccact	cctttatatt	gctTTTTagt	360
gagatttttag	gaatgtgagt	aggatgaatt	gtaactgagc	ttagctgctc	tttttagcttt	420
ctggagcttc	ccaataatv	aagaaaggca				450

<210> 27678

<211> 135

<212> DNA

<213> Homo sapiens

<400> 27678

agagcaaaga	ggcaatctga	agagaaaagc	ataggaaagg	aaacagtggg	aataggaatt	60
ggggtaaaat	gaggatcctt	ccccacaaac	attgctatta	ttcagctcat	ttcaaaggat	120
tccgctgctg	ccaaa					135

<210> 27679

<211> 169

<212> DNA

<213> Homo sapiens

<400> 27679

ccctcaaaca	cagtatttct	gattctgcct	ctagatcagg	gggtcataag	gacctttaag	60
gttcattata	catggacttt	tatggaacag	attgtcaatg	ctgtggaaga	gaatcccaat	120
agatggaaca	tcataaaagt	ccggaaggat	tacatcattg	aagatgccc		169

<210> 27680

<211> 339

<212> DNA

<213> Homo sapiens

<400> 27680

acttattttt	gtatgdcttg	gaatttctta	tgaaaactaa	gatttttggtt	actatatgaa	60
tttttgcaca	gggatgagaa	atgacatgtg	ttgacttctc	tctctcwctt	tttccctaga	120
atactctcta	agtgggtggag	gaacttcata	ccactgaaat	tcctttggca	tttgggggtt	180
tgtttttcct	tttttccttc	tkyatcctcc	tcctttttta	aaagtcaacg	agagccttcg	240
ctgactccac	cgaagargtg	cgccactggg	agccacccca	gcgccaggca	gcccgtccag	300
ggacacacac	agtcttcact	gtgctgcmgc	caagatgaa			339

<210> 27681

<211> 185

<212> DNA

<213> Homo sapiens

<400> 27681

tggatgacag	cgagaccatg	tctctaaaaa	aataaaagtaa	taaaaagtct	tcattttatac	60
cccacaatga	atgagttcaa	atctgttttt	acccagtgtt	gcagataatt	attgcccagg	120
acatttgga	aatacwatcc	aacacttata	gtttgcatct	gttgtagcac	ttaaatcccc	180
tcaac						185

<210> 27682

<211> 269

<212> DNA

<213> Homo sapiens

<400> 27682

tcttgggaaa	aaacggwgaa	atattaattg	gaaagttgat	ttttatgata	atatggaaaa	60
cctaaccatt	ataaaaaagc	aaacttgagt	ttcctaaatg	taagcattta	aagtaatgca	120
tatttgtttt	aaaaaattat	ttcgtgtca	tttatgatat	gtgttcattg	gggatctctt	180
ggtttgcttg	atactgactt	cagcaaaaagc	acagggtgtg	aaattddcat	ttactagact	240
agccaaatag	tcttagacat	ttcccagaa				269

<210> 27683

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

```
tatacttttaa atcacctcca gattacttat aataatacaa tgtaagtggg atataaatag 60
tggttatagtg gtatagttttt ttcgtgggtgt aatttttttac tggtttttct tttggatttt 120
ttttttttt 129
```

```
<400> 27684
ttcttcatca cctatggcaa acagccacat ttggacatga aatacaccgt atttcatgtc    60
caaatgtggc tgtttgctct caatgaagtt gaataaacca ggaggcttgg catatcccct    120
ttwtgttaaa tcccaggcta                                     140
```

```
<400> 27685
tgatat tttat tgggcactta ccatgtgcc a ggcactgtcc caagcacttt atgtgtatta      60
gttctactgac ttctcaaggc agccctggga gatagggtatt cttttcatcc ccaactctaga      120
gatgaagaca ctgagccctg aggtgtttadc ttgtctccagg ttgcatagta agtggcgagag      180
gcaggactga tacataagca ggctgaccca gggcccgcac tctcaacccc tgcaccca      238
```

```
<400> 27686
atTTTTctaa aggccgtctt gaagaaaatt aaaccagaaa gatcaagaaa ggctggagtg      60
caatggtgtg atcttggtct actgcaacct ccaactacca ggttcaagca attctcctgc      120
ctcagcctcc cgaatagctg ggmctacaag cgcatgccac catgccaggc tcatTTTTga      180
atTTTTtagta gacacggttt tgccttattg gccaggctgg tctcaaactc ctcacctcgg      240
gat                                          243
```

```
<400> 27687
atttgtagca gctcttttgt gatgacttag tctctaagcc cgtgaaagaa aaagaaaact    60
ctcgggtggca aggttgaagt agaaatgacg aaqatgaat                               99
```

8267

<213> Homo sapiens

<400> 27688

tagaggtagg	ctggctat	tttatgtat	cttgttgatg	ggaagattca	aattgatata	60
cataatcacc	cccataagga	tttcaggtaa	aaaacaaaca	aacaaagggt	tagatgggta	120
gawatat	acaattacca	caccagtctt	tttactacag	catctagtaa	cacatttacc	180
atagatttag	atggaaat	tcatcccata	agcctttgtt	agtattttta	aaattgaata	240
ctcaataaat	agtggccaag	ttgaatctct	tagaggaatc	tcactcaaac	tacagtcata	300
ttttccaata	ggcccat					318

<210> 27689

<211> 287

<212> DNA

<213> Homo sapiens

<400> 27689

atcagcaaag	tat	ttwaagaaat	aaattgrgat	ttgtatgttc	tyccttttag	60
gtttgaagca	aagaagagat	gggaaaccaa	aagcaacatg	ggatacatgt	aacttkccag	120
agtgcctcaa	gacatttgta	gaccyaaatg	ctcaatttac	tgrgaatgtt	ttcctgccta	180
tgttaatatg	tcagaaaatt	gatagcacta	aaacaaaaat	aagcwtaaaa	tttgggattt	240
tgaattatca	gctcttttca	gtcttttctt	aaggactttg	tcctatt		287

<210> 27690

<211> 96

<212> DNA

<213> Homo sapiens

<400> 27690

gctttgaggt	tttgc	taaac	agggtaaagt	catgtaagtt	ttacctggta	gactgatagg	60
tg	tttcttta	tctggaaaac	ctggtgtcac	cgacaa			96

<210> 27691

<211> 267

<212> DNA

<213> Homo sapiens

<400> 27691

ccaagaacta	atagagwtgt	tagaattagc	agacaaggac	atggaaacag	tttttataac	60
tgtattccat	aaacacagag	gtaagtagag	aaacaaaaga	cgtgaaaatg	cctgsgtcta	120
aactttctag	agataacaac	tacaatttct	gaggtaaaaa	aatgactgg	atgagattaa	180
tagcagatta	gatattgcag	aagaatagat	cagtgaatcg	akdgdcataa	caatagaaac	240
tataaaaaaa	aaccacakwg	gaggata				267

<210> 27692

<211> 91

<212> DNA

<213> Homo sapiens

<400> 27692

agccggctgc	aggggaagtc	ccggcgcccc	gcgaaaccac	cctcccctga	ccggagcgcc	60
aacacctccc	ccgagagcag	cagccgcctc	a			91

<210> 27693

<211> 64

<212> DNA

<213> Homo sapiens

<400> 27693

cacacatgta atatagcagc aatgaaaaca tagaagtttt aagtcatgag tggggttgca 60
cagt 64

<210> 27694

<211> 128

<212> DNA

<213> Homo sapiens

<400> 27694

tgtgattggt ggggtanwtgt ttgattggtg ggtattgtga ttggtgggta tttgtttgat 60
tgggtgtgtat tgtgattggt ggggtatttgt tatgattgat tgggtgggtaw ttgttgtkat 120
tgggtgggt 128

<210> 27695

<211> 106

<212> DNA

<213> Homo sapiens

<400> 27695

csgagcaaac ttttggcacc caccgcagcc cagcgcgcgt tcgtgctccg cagggcgcgc 60
ctctctccgc caatgccagg cgcgcggggg agccattagg aggcga 106

<210> 27696

<211> 193

<212> DNA

<213> Homo sapiens

<400> 27696

tataggtatt tgatkagaga ttatatattag tttgtagatc actttgggta gtatgagtgt 60
tttaacaata ctaattctcc catgaacatg aaacgtcttt ccattcattt gtgtcttctt 120
caattttctt tcatcdvgtt ttttatagtt tttcagttta gagatcttta acctccttgg 180
ttaagtttat tct. 193

<210> 27697

<211> 262

<212> DNA

<213> Homo sapiens

<400> 27697

aacactcact cctctgcctc tgcaagagaa aagcccaagg gcctaggtaa acaatggaca 60
gcatccttga tgatgatgca attttaagcc tgaaaagaat atttggctctt caatcttggc 120
aagcatacct gtaaagtaga tggtaaggct gctgatgaga accatttgag aaaaaatgat 180
caatgagaaa attgcaccag aggaccaca ttgggacttt tgagttgaac acattactta 240
gcaaatgcta acatgggaaa tt 262

<210> 27698

<211> 293

<212> DNA

<213> Homo sapiens

REPORT

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<211> 260

<212> DNA

<213> Homo sapiens

<400> 27703

tctttaatgt ttagagdcta tcaggctaaa ctgaatctat tttagtttgc atatacacca	60
tcttttattt atttatttat tttagagaca gggctctctgt caccagggt gcagtgaat	120
ggtgtgtwca carctactg cagccttgan ctctggggt caagtcaccc tcccacctcc	180
tgagtnactg ggattatagg catgagccac tgggcctggc tacgtatacg ccattctttc	240
ttgcaaagta ttttgggcga	260

<210> 27704

<211> 157

<212> DNA

<213> Homo sapiens

<400> 27704

acacacgccc caaacgcacc tcggcgagcc acccgaggag gaaaactagt ggggcagagc	60
ctgaaccacc tctctttctc cataagcatc tcaagacttg gaaactaaga ggacagacct	120
tttctctctc cttccccccg cctccttcc cacccea	157

<210> 27705

<211> 212

<212> DNA

<213> Homo sapiens

<400> 27705

attacacagt ccttaagcta raaatgccag agatatgcca tacagatcta ctgcacctat	60
ttgggcacca tgaggaagag gcmawcaaaa ttctaagaga aggcaacca gtgctctggc	120
agtattgagg ctccaaacca gccctggaaa gtwtacagt ggaamtctat catratgtgc	180
attaaactga attgaaatca atacgactca gc	212

<210> 27706

<211> 122

<212> DNA

<213> Homo sapiens

<400> 27706

actaaaatca aaagcttgta tatcagattt atttcttaat tttaactttt gtttttgatt	60
caggagtac atatgcacgt tcgttatgat ggaatcagtt gtaccccaaa cctcaggacc	120
ac	122

<210> 27707

<211> 147

<212> DNA

<213> Homo sapiens

<400> 27707

attcgtcatc gcgggtgagt gatccccgcg tccgccgcga gattgctcaa aacgccgaca	60
acagctcacc tcccatggcc gctcggttg gcagcctcta tacggaccgc tccatgcttt	120
gctataagat ttattcaaag tttttta	147

<210> 27708

<211> 136

<212> DNA

<213> Homo sapiens

<400> 27708

agttccaggg aggggcgggg cctgaaatgg ggcggtggca ccgagagggg aggcggctgc	60
tgggmcgcag ccggaggatt tgagggcgaa taattcccag cccggctccc cgggagacgg	120
gctgcggggc gggcac	136

<210> 27709

<211> 300

<212> DNA

<213> Homo sapiens

<400> 27709

ataggaatg ttggctctga aaaaactttt gaaaacttgg ttganraatt twggatcaac	60
tghaaaaagc atgacttttg aaatctctga atgccttggg tctcagtatt atcattcttt	120
attgaattta tttcttatta aaatatgtag tttttaagac tttttttctg acagtattat	180
gtdatttttt agcgtgggta gatgggagtg tcgcttgtat gttatcgtac agctgacatg	240
tattttwgtc tatwctttat watcttagtt tcwvgtatg tatgtaccat aaaccaamgc	300

<210> 27710

<211> 260

<212> DNA

<213> Homo sapiens

<400> 27710

agagcaaggg tcttgagctt ctggagcagc cttccaagtg ggctaagtct atgggacagt	60
ttgttgccaa ctttgcagga atgtgaaggc tggagcaaca gcaaccctct tggtcergca	120
agaggactgg tctagcaacc ctctaggwaa tcttgagggt ggaaggcaca cagtaagagg	180
gtggaccaag caaggatgga aggaccctgg gtcccatgat tggagctgtc cggcagccac	240
cagaccagac tatcgccaac	260

<210> 27711

<211> 162

<212> DNA

<213> Homo sapiens

<400> 27711

tccgtcacat ctaggnwgtg aggagcgtct ctgcccggct gcccatcgtc tgagatgtgg	60
ggagcgctc tgccccgccg ccccatctgg gatgtgagga gcgcctctgc ccggmcgcgg	120
wcccggyctg ggasvbwgag gragcgtctc tgcccagca ca	162

<210> 27712

<211> 271

<212> DNA

<213> Homo sapiens

<400> 27712

tttatgattc aaaactcagt tttttataa aataataata ttaagtggat aaagaaacgc	60
cagttgtact atcagctaaa cattagaaac cttctcatca ggccaggatga ggtggctcat	120
gcctgtaatc ccagcactt tgggaggcca aggcgggcgg atcabctgag gtttgggagt	180
tcaagaccag cctggccaac catggagaaa accctgtcty tactaaaaat acarmattag	240
ccaaggcmtg gtggcacatg tctgtaaacc c	271

<210> 27713

<211> 198

<212> DNA

<213> Homo sapiens

<400> 27713

aaaaatcccc agaatctcag gctggtgggt ccagctgagc atcctagttt tcactttctc	60
ctcccaaaaa ggaaagaacc ttggtcacta aattctacgc cttctggaaa tcactctkey	120
aawtgactyc cdrawtgatc gactgagacc aacagctggc ccagccctgc atggaggagt	180
aagaaaccct catctgtc	198

<210> 27714

<211> 178

<212> DNA

<213> Homo sapiens

<400> 27714

aaggggcggg ctggttaagc gtcaggttcc ttggatcgac cggtcagccc agtaactgac	60
tccttttctc cttctctag ggtcctagca cagtgtctga tggagctttc ctaccagwmc	120
cytgraaaat tcacgcacga ggcgcgggaa gcgtgcgaga tgaggacaga agcacgac	178

<210> 27715

<211> 191

<212> DNA

<213> Homo sapiens

<400> 27715

acaatatggg aggraaagtg aagattgtga tgggtgtaaga gctaaatcct catctgtcat	60
atccagaaat cactatataa tatataataa tgaaatgact aagttatgtg agggaaaaaa	120
acagamgacc attggctaaa agagttaaaa gtcattgctc tggagaatta ggagtgatgg	180
ggcaaggac t	191

<210> 27716

<211> 261

<212> DNA

<213> Homo sapiens

<400> 27716

cagtggcttt gttckatcct agtctttact ggtgacctat gtcccatgt ggaagacgaa	60
tagagtcagg aagttcttcc ttataatta acccaagtct ctctcatttc cgtctgtgtc	120
ctcttgttct tactgcagag aagatggaat aaatcccctt cagtctttcc tcttagctaa	180
atgttcdbag cttctttaag ttgcactcgg gttctaattc tggaagtttt taactttgtw	240
ctttatcatc acccctctca c	261

<210> 27717

<211> 212

<212> DNA

<213> Homo sapiens

<400> 27717

tgaagaaagg cccctkrgaa tggcaagatt acattttacaa agaggtcoga gtgacagcca	60
gtgagaagaa tgagtataaa ggatgggttt taactacaga cccagtctct gccaatawk	120
gwcctggkga acttccttga agatggcagc atgtctgtga ccggaattat gggacatgct	180
gtgcagactg ttgaaactat gaatgaagg ga	212

<210> 27718
 <211> 272
 <212> DNA
 <213> Homo sapiens

<400> 27718
 tataatcttc tatgtsrata caaaaatata tcacagcctt ctcaaacagc tcaagcaata 60
 tattgtatat tgccatatcg tctgggtgaaa ggggttaaatt acttcacctc ttgcacttnt 120
 aagatgcaaa tcagtttttc atttctgtaa tagaaaatta ttcacgtatt ttacatcat 180
 ttgtttttcc tgaccagtat ttaaaaccaa aaggatatcc tgaaaaatgg ccaacaattt 240
 ttttagaagt agcatcccaa gcagcgtgcc tt 272

<210> 27719
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 27719
 gcctttcttg acttggkact ccttgggagt cgtttctcgg ccatttgacc cgtgggactt 60
 gtgggttttg tgctgctttt tctttctttt ttcccccttt ccaacttcag caatacaccc 120
 aagawgttar tcgagtcacg tcccgcgcgc ctctgnvctt gaaatgctgg caagtacgca 180
 gccccgcgat cgtcacgtga cgccgggggt cagcgtatcc ttgctgggca accgtcttag 240
 agaccagcac tgctggctgc accatgaatg tgatctaccc actggcagtc cccaaggggc 300
 gcagactctg ctgtgaggtg tgcgaasccc agcct 335

<210> 27720
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 27720
 caagaaagga caactataat gcagagagag agttttttaca ggggtgctact ataacagagg 60
 cttgcgatgg cagtgatgat atttttgggt tgagtactga tagtctgtct cgtttacgaa 120
 gccatctgt tttggaagtt agagaaaagg gctatgaacg attaaaagaa gaactcgcaa 180
 aagctcagag ggaac 195

<210> 27721
 <211> 231
 <212> DNA
 <213> Homo sapiens

<400> 27721
 tgttcaaatt aatgtatata cttaagtgat tttaaataata attaatctca aaggacaata 60
 taaggcttca agattgctca gcactatgtg aagaggaaga agatgaagat gaaggagaag 120
 ctgcagatat ggaagaatat gaagagagtg gattgttggg aacagatgag gctaccctag 180
 atacaaggaa aatagtagaa gcttgtaaag ccaaaactga tgctggcggg c 231

<210> 27722
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 27722

aagcagarac accagcgttg ctgcgaccgc gttggcgatg gcgcacgaag gctcgggtgag 60
 cttcagttca gctgggggatg cgccagagcc agggtcggcc gttaagggtcg gtgtcgggaa 120
 acagtkggct gsctctgkgc cgcccagtgc ccctacttgc tcccgmccac cgcgcgggag 180
 tttagatgac caaggaagcc acgtcgggtac tcgggcagaa aacctacacc tgcacgggtgc 240
 ccactcaaac gctttgttac actcaragcc atgagggaaa gggtcagtgg gtvrtgtaag 300
 agcccgagaa caggaagtgg hwtntgaaac aagctaata atgtagtaag tctcttacat 360
 ggtggtgcgt atttaaattgg a 381

<210> 27723
 <211> 120
 <212> DNA
 <213> Homo sapiens

<400> 27723
 ctttttttaa acttttttat tttaaaaaat gtattaactt ttaatggaca aaacatttat 60
 aatatacaac atgatgcttt gatatatgtg tacattatgg aataattaag tcaggctaata 120

<210> 27724
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 27724
 atttttgggga cgccgtgagg gagtcagcgt tggggacagg gagagggagg aaaagagcct 60
 gggaaattga ggcacgcggc accttgaggg ctggagcggg ggaatggagg cacgggaacc 120
 yttttghggg tttcccagagg gtcagagggg gaaagtgaac ccacttagcg cgatgggtag 180
 a 381

<210> 27725
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 27725
 agagcttgcg wggcgcamag agccccawg gcctmatggm gcagaaacct ctcagcac 58

<210> 27726
 <211> 61
 <212> DNA
 <213> Homo sapiens

<400> 27726
 gaggctggcc ggtgcagagt taagggttca gtmmatgatt tctgcatcca tgaaaggggg 60
 a 61

<210> 27727
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 27727
 ccttacaaca aactccagcg gagccgagta ttctagcagc aaaacttgca ttccagaaag 60
 atatgatgaa gcctttggcc ccagccttcc tgtcctcacc tctc 104

<210> 27728

<211> 95

<212> DNA

<213> Homo sapiens

<400> 27728

gtcgcccagc gccgccccgt cgtcgtctgc cttcgvtcca cggcgccgag csgcgggtccg 60
aaatatgaca gatacctagc atctagcaaa ataata 95

<210> 27729

<211> 91

<212> DNA

<213> Homo sapiens

<400> 27729

accccgcgcg cgctctcttg tcgtggcgcg gcttcccgsg tcttctctgc aaatgggctc 60
cgtggcctag ygcccccgct cccgccamcc t 91

<210> 27730

<211> 54

<212> DNA

<213> Homo sapiens

<400> 27730

ggcggcggtg gcgacgacgg ccgagacgtg gggatggcgg gcgccgggag cgaa 54

<210> 27731

<211> 184

<212> DNA

<213> Homo sapiens

<400> 27731

catccaaaca agctcctgca aggctctgca gcttattgct attttataat tagaatttag 60
aaataaaatg gggacatgag ttgacattcc aactggaata ttgtatttct ctgaaaaagt 120
wactcttact tggctgatta gtttggtggt agcaactggc attgccatta aacagtgtgg 180
tacc 184

<210> 27732

<211> 311

<212> DNA

<213> Homo sapiens

<400> 27732

atttcaagta tccatgtcca ttgcagctgc tctggaactc acaggaagmt ctcagttttt 60
gcaaactcat ggaagaatca cctggcatga tggaagtggg tcattgcatg atattcaact 120
gtcattgcca tccagtccag aaccagaara tggatgataaa gtatataaga atgaagattt 180
attaaatgaa ataaaacaaa ttaaagacga aataaaagaaa aaagatgaaa agatccaact 240
attagaactt cagcttrcaa ctgagcatat ctgccaccaa aaaatgtaaa gagggaaaaat 300
gcacttatgc t 311

<210> 27733

<211> 89

<212> DNA

<213> Homo sapiens

<400> 27733
 ctggggagcg gtcccaaacc cagataggta tttgtaggta tttgctgatt ccactagagc 60
 aaatattctt tttttttttt tttttttttt 89

<210> 27734
 <211> 71
 <212> DNA
 <213> Homo sapiens

<400> 27734
 aaaaaataat acccagwtct tcaaggttgg caaagawgag aaaagctcct tgggaactta 60
 gttaccaggt c 71

<210> 27735
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 27735
 cacaatckat ttttctgaac atctgtatgc ttttcgtatt taawtyattg tttaaagaat 60
 ttttgcggtt tctcttgtgt ttagagt 87

<210> 27736
 <211> 123
 <212> DNA
 <213> Homo sapiens

<400> 27736
 acattttara gtcagattct aatgttatta tttaaratat ataatgatga caggaaataa 60
 cataagtaav attaagcaca cccactatat gagatttttag tcttcttttc ccaccamagg 120
 ggt 123

<210> 27737
 <211> 101
 <212> DNA
 <213> Homo sapiens

<400> 27737
 aacaatttga aaaagtthtt aagcaagttg aagawccttg acaaacaagc aahgcgwgwa 60
 ctgattaact gaattwgaaa gamhaaaaac ctgaaatggt a 101

<210> 27738
 <211> 110
 <212> DNA
 <213> Homo sapiens

<400> 27738
 agggagcggg gccagggcc gaggcgtcgc agcagctagg acggttcttc tgccactgct 60
 gctccctgga caccgtcccc cgctatcgg attatatctg cccaagatgt 110

<210> 27739
 <211> 92
 <212> DNA

<213> Homo sapiens

<400> 27739

aaatattgaa gtttttagwkg aataacccat ggatcatggt cccacagtgg gtgggaagta 60
gttgattcat tgacaggttag tagccttgta ga 92

<210> 27740

<211> 138

<212> DNA

<213> Homo sapiens

<400> 27740

gccgwgtagt tgggattaca ggcggtgcgcc accacgccca gctaattttg tatttttagt 60
ggagwygcgg ttccaccatg ttggccaggc tggctctgaa ctccctgacct caggtgatcc 120
gcccacctcg gcctccac 138

<210> 27741

<211> 395

<212> DNA

<213> Homo sapiens

<400> 27741

atggcaaccc aggggatagg cgctgtggct ctccgggata tgcgggggtg acttcaggga 60
gaagaaaagg ctccccggaa aagccacagg gaggaaggac cctcccatgc acacgggtggg 120
tatgctggga ggaccagctc ccgctccacc ctgctcccc tgggaggaag gctgacctct 180
gcgtgggagt gtgactgctg gaaaggcatc cttgctgcag ctgtgagtgt gatgggacag 240
cagagtcaact cctgcatggg attctagggc tgggggtccc agaggggtgg cctccgcccc 300
tcttgggggc cgaggactgt caccatktca ctacggcact ctccagctgc tgaccaaagc 360
cctcgctaac cgcagccctg ccatactctg ggtct 395

<210> 27742

<211> 59

<212> DNA

<213> Homo sapiens

<400> 27742

tcacatctc gtcacgttta ttattctgat taatgacttt cctaatttct ttaactttt 59

<210> 27743

<211> 94

<212> DNA

<213> Homo sapiens

<400> 27743

actgacttca agaataagc cgtggaccct cacgtggtcc caaagataac caattgttta 60
gagcctagag gaaagggaag aaccacatc tacc 94

<210> 27744

<211> 173

<212> DNA

<213> Homo sapiens

<400> 27744

ataaaaacca tgtaattcca tctgttttaa tatattaaat gcaaacagta atgtatattg 60

ttcgagaaca tgaatatata ttttaagagta taaaacatac atggtaatca tgcacatcat 120
tattatgata atgggttatcc agagggtgtgg tttgagctat gtctatactg tat 173

<210> 27745
<211> 195
<212> DNA
<213> Homo sapiens

<400> 27745
ccacttaccc atttataatg gtgatggcct ttgaggaagc tgatgtggtg tcctgagctg 60
catttcaggt ttgcaggtga ggtaggctt ggagcttctc cacagcagrt tatacacatg 120
cgaccagcct agcccatagc watgctccca acaagcmmtc agmgacctca rccaccaagc 180
atacatttct gcgta 195

<210> 27746
<211> 109
<212> DNA
<213> Homo sapiens

<400> 27746
agaagctccc ctactgagca tcttgtgacc cccgcccctg cccccagag aacaaccccc 60
tttgactgta attttccatt accttcccaa atcctataaa acggcccca 109

<210> 27747
<211> 220
<212> DNA
<213> Homo sapiens

<400> 27747
tggttggtgtt gttttttaag cttgggttaaa agctactggt taactgrgga gagctaagca 60
ggtagcttctt tatatagtga cagttttcct tcctggctat tgtagagctg aaaagagggg 120
gaaaggggtga gagtaaacct tttcagaacc ggaaaaccac aagccatctt cttgacaaac 180
tctcctgtca tttcctttat tcatttgatt ttttagatcc 220

<210> 27748
<211> 201
<212> DNA
<213> Homo sapiens

<400> 27748
ggcatttgta aaccataatg gtgctggtga acgtgtcttt tagcatgcta atgcattata 60
attagtgtaa tgaggagtga ggactaccag aagtcacttt catcacatct tgattttggt 120
aaaataactg ctctggaaaa gaaggcaaga aagtaaaaca aggcaatttc accacagcca 180
tcatcaggaa ctgaggggcg c 201

<210> 27749
<211> 272
<212> DNA
<213> Homo sapiens

<400> 27749
cccaaattct tctcatcttg gaaaactgaa actctatacg tattarrrctt cccattcccc 60
cagcccctga caatcacat tctaccttct agctctgtga atgtcacaag tacatcatta 120
tgtgggatca tacagtattt tttgtgact ggcttattat acttagcawg atctacgttg 180

tagcagggtgt cagaatttcg ttcctttgaa aggctgaata atattccact gggtttagat 240
acammacggtt ttgttgaccc attcaccat ca 272

<210> 27750
<211> 180
<212> DNA
<213> Homo sapiens

<400> 27750
ttctgttcca ttgttctaca tgcctaattt tataaccagta ccgtgctbhy ttggttaacta 60
taggcttgta gtataatttg attgggtaat gtgatgcmte cagatttggt ctwtttgctt 120
agtmwttgct ttggctatga gggmtctttt ttggttcata tggattttgg gattgtggct 180

<210> 27751
<211> 235
<212> DNA
<213> Homo sapiens

<400> 27751
cattgtgaat tggctaaaaa taaaaacacg gcatttcata atttctggat gcaactaaag 60
cattgcctca atggaaattt gtagccatag atgcttacac taggaaagga gacttgtttc 120
aattcatgag ctatgttctg tctcaaaaga agaaatcaaa gccaaagtaa ctagaaagga 180
gaagaaaata aagatcagaa attaatcaat tttacaacaa tggagaaaac ccagt 235

<210> 27752
<211> 172
<212> DNA
<213> Homo sapiens

<400> 27752
gttgtttctt ctacatttat tttttagtga cttttcatat gagtttgaac tcatgaatat 60
ttattttatt ctttgggtta taatccaata ctatcttaat ttactttggt gctcaaattc 120
ttctagtttt ggccattgaa agtttttttt cagattgggt cttccgcct ac 172

<210> 27753
<211> 343
<212> DNA
<213> Homo sapiens

<400> 27753
ttttttttgc tgttttatag gatttcagat gggaaggagg gtagatatgc atgttttagac 60
aacaatctca atccaattgc tttcttttag tttctgtgta attaaaaaat tctattctgt 120
ttcttccaaa tcatatggaa aggagaaaat aactttatag cctgtcttga aatatttgaa 180
tgacagaaaa gtattgggtc agggaggaag gaaggagcta atgttcattg agagtctact 240
actcatcaag ctgwtcttt agtttgggtga caactgagtt ccagatggaa aattttgttt 300
aatatggata aagtaatgag ataaattaca caccacacac cac 343

<210> 27754
<211> 139
<212> DNA
<213> Homo sapiens

<400> 27754
tatgttcata tttctccact tgtcccagta atgtctttta tagctatttt ttctaagtcc 60

aggattgatc tagggtcaca catggcattt agttatagtg tcattttaaa atcattttaat 120
ctaggggagt ttctagccc 139

<210> 27755
<211> 166
<212> DNA
<213> Homo sapiens

<400> 27755
acgtaggagt tgggtgaggta ggggtcgggtg gtgttctgcc ccgagaactc ctcgtaacaa 60
caggggctct tactgttttg aaggaatttg ttggggatga ctgaaaacat ctgcaaggaa 120
acagaggagg agagacacag aggaggggaa aatgagcaaa gacacc 166

<210> 27756
<211> 146
<212> DNA
<213> Homo sapiens

<400> 27756
aaaatctctg tgctgaagaa aatggagcaa taccaacaaa aattgggagt ttggaactgg 60
aaagtaaaca ggaaatactg ctaaaatacc cagccagact atgagaatgg agttagtact 120
accagcattt tataacagcc cttccc 146

<210> 27757
<211> 309
<212> DNA
<213> Homo sapiens

<400> 27757
gaggagatgt tggacctcct ggagcagtcg gagggcaaaa tcaactattg ccacaaacac 60
tgagggacgc tcaggtctcc taagacctca tctgtctggg gacccacga ggggacatcc 120
accctctggg gtgtggccag gaaaagacaa gctcttcagc ttggggatcc gatctggaag 180
agagattctg atctgccac ctcctcttcc tccttctcta caaaagctcc ggthgattcg 240
agggaagtgg tgaaaaattt tttttctccc attttctcc ctgcatctgg ggacacagct 300
gccgtgacc 309

<210> 27758
<211> 283
<212> DNA
<213> Homo sapiens

<400> 27758
tatggcaaaa tggttaacaat agttgaatga gtcagtcaga ttaaagggtta catgagagtt 60
tgtataataa aattcttaca agttttctgt agcccttaca ttttttgaat taagaatttt 120
tttttaaat atactttaag ttctagggtg catgtgcaca acgtgcaggt ttgttacata 180
tgtatacmtg tgccatgttg gtgcgctgca cccawcaact catcatttac attaggtata 240
tctcctaattg ctttctctcc cctcttcccc caacccca cct 283

<210> 27759
<211> 112
<212> DNA
<213> Homo sapiens

<400> 27759

cattctggaa ttacagcttc ctagtgtgtc tgaggaaatc caatctctcc cactccagcc 60
cgccactca ttgaacatgg ctgctatctc tgtcttctgg aaacacggct at 112

<210> 27760
<211> 272
<212> DNA
<213> Homo sapiens

<400> 27760
ctaggccagt cagagagtaa atagtaattt cattaactgc agatagataa tatggatatga 60
gaagcagatg tcagggaaag gagagaatta atttagtttg ggatatccaa aaggatatct 120
catggaactg tctcctgacc tctagtttat tctgaatcat aggacagaga agacatttaa 180
aagcatatct ttttagtatg ctgtgtaagt ttgaacagat ttatctttct tcttttattt 240
aacttaatat tgaaatctgt ttatatcttt tt 272

<210> 27761
<211> 394
<212> DNA
<213> Homo sapiens

<400> 27761
acacacaccc ctgattccag aaacacaaca ggagctgact caaaagggag tgtctgggtgc 60
aggcatgcag ggaggaagaa tgactctgag cttgaccatt caacttcgaa actttaacat 120
caatggatca gcacacactg gtgtacggtc tgctatgcat gcagccctgt gctaggcaaa 180
agaagtatca gaccaggaac tgacagctc actgcaacag gaagagaggc ttcacacaat 240
aagcgtttca ttcaaccagg ctggacctgt gcttattgag ttgaacatca ctgagcacia 300
aatgcaagcc agacaccata agagctgtaa ggatgataaa gatgtctttc taccctcgag 360
agctctaagt gtggtcagga gagaaacaca tggc 394

<210> 27762
<211> 314
<212> DNA
<213> Homo sapiens

<400> 27762
gcttccggtg ctagggacgc ttcggccgca ggataccgca atggatcagg aagaggggct 60
gaaggchttg gacaatattg tcaactcaatt caacgcctat gaagatttcc tggactcgca 120
gatcactact gtggacttgt actacctgga ggatgaaacc ctggmmcgcc agttgggtgga 180
gctagggtac cgagggactg gagasagagt gaaaagggaa gattttgaag caaggaaagc 240
ggctataaga gattgcaaga ctggctgaaa gagctcagca aaagacgcta acaagtgctg 300
gtaaagacct acaa 314

<210> 27763
<211> 284
<212> DNA
<213> Homo sapiens

<400> 27763
agtgatagag atgaatcatg tcagtagtta gaataacatt tcaactgttt tctttgctaa 60
aatcacagaa agaccctatt gacaacatct atgtctgtaa aaatgttaga gtacttgta 120
tcttgaatat agcctcccca agagagaaca ggggtgtatt ctaagtatgt tcttttata 180
catcttttagc agtaggacag agccatacat gtgaaatctg atttttatgt gtgttattcg 240
tttgtctggt ttactacct ttgcaaaaac aaaatacccc ttgt 284

<210> 27764
 <211> 395
 <212> DNA
 <213> Homo sapiens

<400> 27764
 aaccctctca ggtacctttc taggttgtgg tggctttgtt cttttgctct ttgcaataaa 60
 tcttaatgtt gctcgtcttt tgggtctgtg ccgcctttat gagctgtaac cctcacaatg 120
 aaggtctaca gcttcaactcc tgaagccagc gagaccatga acccacgggg agggctcgaa 180
 aactctggat gggaggaatg aataactgtg gacaccacct ttatgaactg taacattccc 240
 ctggaaggtc tgcagtttca gtccctgaggc cagcgbkacc aggaactcac cggaaggaac 300
 gaacaactcc agatgtgcca cctttaagag ytgawyact caccgttaag gcctgcagct 360
 tcactcctgm aagtcagcga gwmcatgagc cccam 395

<210> 27765
 <211> 352
 <212> DNA
 <213> Homo sapiens

<400> 27765
 ttttgtgtgc ttagtggcca tttgtatatg gccatgttct acttcttttg agaaatgtct 60
 gttcaagtcc ttggccatt tttaaaatca tgttgTTTT tctttgttgt tgttgtagtt 120
 taggaaactt ttaaattaaa gtttaacaag actgncctta tgagtttctt tgtcttgagc 180
 atgtttgtgg agtgacttat caaatcactt gggctggcag cttagggact tttcaggtct 240
 aatccaamnt ccaacattcc ttcacagtgt aatcatagaa tcttagaatt aaatgagcct 300
 tacagagcca ccagtcacgt tctctcattt tgcagataaa gaaactgcac cc 352

<210> 27766
 <211> 202
 <212> DNA
 <213> Homo sapiens

<400> 27766
 gtaaaagact ggatttcaga aatggaagag agaaaagaga ccaggagaac taggattgct 60
 gcctcctgag agtcagttag tgaccaagag tactcattag gcctctagat atcagggata 120
 ttcttggcag tgagagcaga gagaacaaaag ctaaagggtgc tgaagtaagg tgacagcgct 180
 ttaaagaaga agaaaaaaaa aa 202

<210> 27767
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 27767
 tactatgaca aaggaaactg caggtgtgtg gaatagatca ggaagaagtg atatggaaag 60
 tgaaacttga agagtaggaa ttagttggga gaagagggca cagaggtatg ttattgagaa 120
 aacaaatatg tatgaaggcc cagaacaggg gaaaagttaa atatgacttt ttgagcagga 180
 gagtggagtg tgggatagag gtaaaaaatt agatttcagg agta 224

<210> 27768
 <211> 445
 <212> DNA
 <213> Homo sapiens

<400> 27768

aacgctcgcc	ggggtcgccc	gaggcctgag	ccaaggggga	cgctgtgggc	gcggtcagg	60
ccaggccctc	agtgtctctg	ctattgctga	aaacaccttc	tagttccacc	ttgtaactgg	120
actcccaaaa	gatgaatgct	gacatcttct	gatgcttaac	aagaaataaa	aatagtcacc	180
ttaatcatca	aaaagttccg	gtggtgagga	gacctttcca	aatataagag	gaataaagaa	240
gtcacctccc	cagctgtcat	catcttccag	cabbycgagc	aagaatattt	tgagcactac	300
aggaaagaca	gtccatcaaa	cccgagatga	tgatcagcca	cgtgaaannk	ttcaagaaga	360
ggaatagggw	raatgaatct	catcagaaaa	gcaagcaata	tgaatgctgg	cccattcttg	420
aataaagtgc	aacattcaaa	gaatt				445

<210> 27769

<211> 434

<212> DNA

<213> Homo sapiens

<400> 27769

aaagaggcat	ataacgtttt	tttttggctct	tattttccaag	tttttagtta	tttttctttc	60
ctgttttctt	gagacatggg	cttgggtctgt	cgcccagggt	gaagtgcagt	ggcacagact	120
ctgctbwbkg	caaccttcac	ctcccgggct	taagcagtc	tcccacctca	gcctgccgag	180
tggtgtggcc	tacaggtgcg	tgccamcatg	ccccctgcta	aagtttgtat	tttttgtgga	240
gatggagtct	cgctatgttg	cccaggctgg	tctcgaactc	ctgaacttga	gcgatctggc	300
cacctsggcc	tctcaaagtg	ctgggattac	aggbktgtgc	caccacacct	ggccaataat	360
tttctttaac	aaaataaata	acaattgagt	tcaagaacta	aaagatgact	agatcatctg	420
aggtggaaaa	gagt					434

<210> 27770

<211> 127

<212> DNA

<213> Homo sapiens

<400> 27770

tctaatttag	ctttattttg	taattcattt	tggtaaatta	ttatttgcct	ccttttctag	60
atttttcttt	tctagcattt	gaattataat	ctcagaggat	gtccttgata	gtggaagtat	120
ggggttc						127

<210> 27771

<211> 459

<212> DNA

<213> Homo sapiens

<400> 27771

gtaaattaaa	tagtatatta	ggtgataggt	ggagaaaaaa	gagaaagata	agtggggggt	60
gagaaatgga	gataaggtta	cagttttaaa	tagggtgatg	gaggccacac	tgaaaagbtg	120
acatttgaac	aaagacttgg	aagaggactg	ctctaggcaa	agcagtggaa	atgggagtgt	180
tcttgtatct	cctgtgaagc	caccagaact	aggtaatatt	acttgaaaaa	tcttgccaaa	240
tctggtaatc	tataaaatac	cttgttgtaa	tttagaattt	tttgcccatt	tttaataatta	300
gattgttgat	ctttttcttg	atcttaagra	ctctttatta	agratgtatc	ctagccagggt	360
ctggtgamtc	gggcctgtga	tcccaahgtg	ttggaattac	aggcgtgggc	cactgtgcct	420
ggccctcctt	tgctttttac	ttttttttga	gacgggggcc			459

<210> 27772

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27772
gcgcgggcag gaagaccggg tgggagcccc acccagcccc agccccagga ggaggagcct 60
gtctggatgg acgcagcctg aactgaccca caaacagacc aaaaaagtca ctctcaaaga 120
gctctcggca cacagacccc agctttacaa ggacccccagc tccttaacac agatcccagc 180
tccgaggaaa ctcgcccccc cctt 204

<210> 27773
<211> 173
<212> DNA
<213> Homo sapiens

<400> 27773
aacgttttcc ttcttgTTTT gtgtgcatgg tgcttggtgtg agaaagtgga cacacagtaa 60
gtgcggttcc cagatgcgtc cgccamctgm cctccgtgcc acgcgttcc ccctacctag 120
gggagcctcc accagacagg gaacccacgc cttgccaccc ttctctctcc ctc 173

<210> 27774
<211> 84
<212> DNA
<213> Homo sapiens

<400> 27774
atTTTTaatg ttgaatacag caaacatttt attagtgcag aatctgcatt gtaatcagct 60
catacattct catgatgact gaca 84

<210> 27775
<211> 138
<212> DNA
<213> Homo sapiens

<400> 27775
gccgagtagt tgggattaca ggcgtgcgcc accacgcccc gctaattttg tatttttagt 60
ggagacgcgg ttccaccatg ttggccaggc tggcttgaa ctctgacct caggtgatcc 120
gcccacctcg gcctccac 138

<210> 27776
<211> 138
<212> DNA
<213> Homo sapiens

<400> 27776
agttctgctt ttcagctgta ggggtgtgtct cttttgaaac tgTTTTTTTT aattcaagaa 60
aaagcttgga aattttgtat tttyygaaag aatymtttgc tatgcgtatt aaaatagacg 120
agcaaaacac caaggact 138

<210> 27777
<211> 118
<212> DNA
<213> Homo sapiens

<400> 27777
atctttgttg atgtgtcagc tccgcagggg tttggggaaa cggccgctga gtgaggcgtc 60
ggctgtgttt ctcaccgcgg tcttttctc ccactcttgg ctggttgac cccgctat 118

<210> 27778

<211> 218

<212> DNA

<213> Homo sapiens

<400> 27778

atctttcagt ataaagtta aggcctcaaag ttcagaaaca ttgtttcact caccagcatc	60
tattttttgc ttttgttttt gttttttttt gaaacagagt ctactctgt caccagggt	120
ggagtgcaat ggcgtgatct tggctcactg caaactctgc tcctgggttc aagcaattct	180
cctgcctcag cctcccaagt acaggattac cagcgcca	218

<210> 27779

<211> 286

<212> DNA

<213> Homo sapiens

<400> 27779

atgggtgcct tttataacgg tagaattttt ttttgacgga gtctcgctgt gtcaccaggc	60
tggagtgcag tggagcgatc ttggctcact ccgcctccca gcaggggcgg ggtttcacca	120
tgtagccag gatggtgtcc atctcttgac ctctgatcc gcctgcctgc gcctcccaa	180
gagctgggat tacaggcctg agccaccgag ccgggacgta cagtttgtat tctaacacca	240
actcataagg tgcttcatga agagagaaga gccaaaggag cctgta	286

<210> 27780

<211> 216

<212> DNA

<213> Homo sapiens

<400> 27780

attctctcac cactcagggg acctctccag tttctccctg tgttcctcct tctgtgctgc	60
catgtcctcc tccctcctca tttgccttct cttctgacta gatgttcac tttctggagg	120
catctgccag tctctggggg ctcttagtcc tcaggagtaa agacagaaag catcatgttc	180
ctgcaaagag aaaaataagg aaaaaatctg caaaac	216

<210> 27781

<211> 70

<212> DNA

<213> Homo sapiens

<400> 27781

atcctgadsb ctccccttca atcctctacc ttcccaaagc attgcttccy tttacaacct	60
taggttttc	70

<210> 27782

<211> 292

<212> DNA

<213> Homo sapiens

<400> 27782

caggggccat ttatattgta gcatttatca caacttgatt cctttttgtg gctgaataat	60
attctattat atggatataa cacattttgt ttatccattc atctgttcat agacttgtgg	120
gtgttttctc cttttgggta tcttaaataa cgctgctgtg catatttgtg tacaagtacc	180
tgtttcagtc cctgttttca attctttggg ggtatacacc taggaatdnn battgctggg	240

tcatattcta tatttatcgt tttagggcav tgatttctta agtatgaccc ca 292

<210> 27783
<211> 353
<212> DNA
<213> Homo sapiens

<400> 27783
agtggaacat tgaaataaag gaagtgttcc ttagttcccg tgtgaaagca gaggaaccca 60
tgacatccaa gggcgtgaaa ggatcagagc tgactggaca tagtgagctg ctttcttgcg 120
ttcgggtgca cccctgttaa acctgatctg tgtcataagt gactccggat gcatcagtgt 180
ccaccagttg gaagcaatga caaggatggc tggctgggtg ttttcagcct tccggtttat 240
agactgtatt tatctagtgg attcctgcag gcccatact gagcctggac tgaaagtatn 300
cactcggacc atctgttata tctctacact gaaaataaaa cctcttccac cca 353

<210> 27784
<211> 87
<212> DNA
<213> Homo sapiens

<400> 27784
tagggaataa aagcaggctg cctgagccag cagtggcaac ccacttgggt cccttttcac 60
actggcgagg ctttgttctt tcaactct 87

<210> 27785
<211> 131
<212> DNA
<213> Homo sapiens

<400> 27785
acagcgcaaa atcagaccat ttgggacagt cttaggagtg cgttccgggc tcggacgcca 60
taccaggcca ctttgactcc ccggaaacac tttgactcca cggaagtacc tttttttttt 120
tttttttttt t 131

<210> 27786
<211> 197
<212> DNA
<213> Homo sapiens

<400> 27786
aacatatcca caagtagagc atgaaccagc agaccccatg aacccatcat ctgtgttctt 60
gagttggata atttcaaaca tatccacaag tagagtatga accagcagac cccatgaacc 120
catcatccat cctcggcaga taccactca cagccagtcc tgtttcatct atacactacc 180
cctcactccc tgctata 197

<210> 27787
<211> 107
<212> DNA
<213> Homo sapiens

<400> 27787
wggggagggg ggcagccggg agaggggctt caaatcccaa gctctacagg gcctctctgg 60
ggctcccaga gcaccttcta cactgggara sgtttccaca cggggca 107

<210> 27788

<211> 177

<212> DNA

<213> Homo sapiens

<400> 27788

ctttaaaatg actagtttga tgtatctggt aacatatagg cctgactata cattttacat	60
tatttcgcta ttttgtaaac tgggatttta gaaagcacgt ttgccatttt gttaaagtac	120
attgcccctt aaattttgga gtagttttta aaagttaaaa atggtaatag aggagcc	177

<210> 27789

<211> 93

<212> DNA

<213> Homo sapiens

<400> 27789

aaagaagatt gcttgagctt gagtctgagc ccacagttag ctatgaccgc accactgcac	60
cccagtctgg gtgacagcac aagaccccga caa	93

<210> 27790

<211> 96

<212> DNA

<213> Homo sapiens

<400> 27790

atgggaagac acagagggaa gatggccatg gaaaagctag agaragagag ttctcagaag	60
aagtaactct gccaacacct tgaatctcag attttc	96

<210> 27791

<211> 227

<212> DNA

<213> Homo sapiens

<400> 27791

tgtgaatagt gccgcaataa acatacatgt gcatgtgtct ttatagcagc atgatttata	60
gtcctttggg tatataccca gtaataggat ggctgggtga aatgggtattt ctagtcttag	120
atccctgagg aatcgccaca ctgacttcca caatgggtga actagtttac agtcccacca	180
acagtgtaaa agtgttecta tttctccacc cctctccaca ccccttt	227

<210> 27792

<211> 317

<212> DNA

<213> Homo sapiens

<400> 27792

acaacagtat ttccctctag cagctcctgg gactgggttt tctggcattt ctatctcccc	60
caaatatctg taacaggcgg tgttcatatc tctaaatcag agttctggct gctgaggtag	120
caggactgag accggggctg gaccctgact gagaccagc agccagcagc ctctagccac	180
tccagtcaca ggcacagccc agggaccac cgccacgccc tctgcaaga taaaaggaag	240
cagcaactca gacatcagga cacaccacc aaaacacaag gagaggccct gaaaagtaac	300
ctggaaagtc acagacc	317

<210> 27793

<211> 92

<212> DNA

<213> Homo sapiens

<400> 27793

tagtacaaca gcgatggctg aactgttggg gtcgatggaa ggtgcttgcc ggagaacacg	60
tgccctttttt tttttttttt tttttttttt tt	92

<210> 27794

<211> 204

<212> DNA

<213> Homo sapiens

<400> 27794

ataaggagag gctgggtcaat tctcagagac agcaacgggc ccagccagga gtatgcctgt	60
gacatgcaaa ctaaccaatc cagagtcaca actcctctat ctggcccca caccctaaaa	120
ggcaatagcc ctctgcctta atcatgccag ggccagggtc taggtaaact agggaccaac	180
tcctatagct tggagccact gaaa	204

<210> 27795

<211> 238

<212> DNA

<213> Homo sapiens

<400> 27795

atctcatgcc cagaggcaat gaaaagttga aagtttgact cacatacatg catctgggtca	60
acaggttgta ttgtgccata tacctgggac caaattacaa gcacaatgat gaatctttta	120
cctggagtca agacatgbrc aggatgatgg aacttatcac tggacctttc cacagtgtta	180
ttgtgacata tgcctttgac caacatgtgg tgatttgact cccagactg ggtccact	238

<210> 27796

<211> 222

<212> DNA

<213> Homo sapiens

<400> 27796

tcttgaaaaa acaaaagcga ctacattttc caccatgca actggcaaac aagatgcact	60
gtgacaacaa gcatatgggg aaacaggcca ctctactact gctggcagaa gggtaaattg	120
acacaacca tgggtgggaag tttaacagta ttacaaatgt gcatacactt gatccagcat	180
ttccacttta aggaatttat cctgcagata tgttcaccac ct	222

<210> 27797

<211> 61

<212> DNA

<213> Homo sapiens

<400> 27797

agccgagggtg ctacactcca gcctgggtga cagaacgaga ctgtctaaaa aaaaaaaaaa	60
a	61

<210> 27798

<211> 222

<212> DNA

<213> Homo sapiens

<400> 27798

aatcaatcca	gaagaagcca	agtgatctag	ttcttgggaa	gctttcattt	tttaacactc	60
aagttacagt	cagccttgca	tctgaaagaa	tggacagaaa	cacacacatg	acaagacaaa	120
cacaagaggc	aaagcaagat	agtcaaattg	aagcctccac	tgtccacccc	acccacaga	180
aacaccaamt	tgaaaaacta	tccatacaaa	aaagcaccaa	gc		222

<210> 27799

<211> 214

<212> DNA

<213> Homo sapiens

<400> 27799

aaatggmagg	gcagcgcgtg	gagggaaactc	aaggcctgat	tggttcttcc	taagcaggac	60
acgatctcgt	tggcagggca	accggccttt	agttgggtggc	cttcagtggg	tggtttaagt	120
tggtggcatt	tggttgccct	tcctggggag	aggcggcagg	tgctcagctc	tgacagacgtg	180
ggggcaagag	aaggcccaag	ctgcctcgag	aaga			214

<210> 27800

<211> 333

<212> DNA

<213> Homo sapiens

<400> 27800

agaattatcg	tcttcaactg	acaggataat	cattaagagt	aatctttagt	tcaccattta	60
ctgctggaag	tggtgagaaa	aactgggact	tctttttcat	tcttctgact	gttggctgaa	120
caaagagtaa	tcaagaatta	tgtgaacacc	atgaatataa	caraactatc	actgctgtgc	180
aaatacatte	cagaaacctg	actcngactg	gctgagccac	tgagactgtg	tgagatcttg	240
accggacatt	tggttctatt	ctggactaat	tcttggtact	gwttgactac	cctamaatat	300
caggagavaa	caggtatmag	caaccgaata	gta			333

<210> 27801

<211> 225

<212> DNA

<213> Homo sapiens

<400> 27801

agagtgggct	ggtaggaaat	actgggagct	ggaggtttga	catcctagct	tttgtcagca	60
ggagtgtgtg	gccaaagctcc	ttcagctttt	ggagcctcgg	gtagtttacc	cacttaaagg	120
caggtgatag	cagcaagccc	actgagtga	tgagagcttc	agctggtgtg	cagagaaggg	180
tggcatgtca	cagcactgtt	agtctgggta	ckvgcactac	rmaca		225

<210> 27802

<211> 160

<212> DNA

<213> Homo sapiens

<400> 27802

aaaggtccat	gtaagtgcag	ctgcccagga	ctcccccttgc	tatccagaca	taggctctcc	60
tacctgcttc	caacttcagt	tctgtggcat	ttccaggaaa	tatgggtagt	taacacataa	120
ccatgctcaa	tgagagccaa	cctgtggctg	tgcgccctt			160

<210> 27803

<211> 241

<212> DNA

<213> Homo sapiens

<400> 27803

atttttcata	aggaaggggt	ttcaccatgt	tagccaggct	ggtcttgaac	tcttgacctc	60
aggtgatcca	cccacctcag	cctcccaaag	ttctgggatt	atagggatga	gctaccgtgc	120
ccggccctat	gaattttgac	aaatgtaaac	atccacatcc	atgttgccat	catctgaatc	180
aaaatatggg	acagttctat	tatcctagaa	agtttcaggc	acactccgcc	ccccgcccc	240
a						241

<210> 27804

<211> 188

<212> DNA

<213> Homo sapiens

<400> 27804

aaaaataaaa	aaatgggtga	ctccagaagg	ccagaggact	tggggacatt	tgaggtgcat	60
gtgtaaggca	acatcaaaaa	gaaaaagccc	ctgtgacatt	ttcattaatc	cacatggttg	120
ggatgtgagc	tacaaaagag	gctcctcaca	gcttgagggc	aggctcggga	aaacsytaga	180
agcggcta						188

<210> 27805

<211> 179

<212> DNA

<213> Homo sapiens

<400> 27805

cattctttta	ttacaattta	agttttgttc	aggaggtcac	tgataaacac	attatctttt	60
tttcccttcc	agaatcggt	tgggatttta	gcatgtttgt	taagatgtac	tctgccgaat	120
gcgtctgata	gtgcaaattt	atttatcttt	tgtgtggtac	aatgtcattg	tgtgtaggc	179

<210> 27806

<211> 283

<212> DNA

<213> Homo sapiens

<400> 27806

accaccacag	cccctagcca	cttcttatca	gcacaggatt	cgactccaaa	cgacctgtgc	60
cacccccatc	atgtgtctct	aaagacccca	gactcagtca	gtagagggga	gatggcctga	120
ctttggggag	gagacagcct	gacttcaggg	aagaaatggc	ctgacttcgg	gacaaagacc	180
tcttgacttc	aggggmkvac	aacgagcggc	ccttcccatc	ccctctccaa	ctcccccttc	240
cgctgagagc	tgttttcatc	actcaataaa	attctctgcc	ccc		283

<210> 27807

<211> 130

<212> DNA

<213> Homo sapiens

<400> 27807

cttatttttt	attccagata	ttgatgaatt	gaatgtaatt	caaatagcta	ccttccttgc	60
taccagccgc	tcatatattg	cttcttcctt	gctactttct	gtcctttttc	tctacatttt	120
tttttttttt						130

<210> 27808

<211> 145

<212> DNA

<213> Homo sapiens

<400> 27808

cgttccgcta cactcccttg tacctactcc ttgccctctg cctcaggggt atagaacagc	60
tgccttcagc tattctcccc cagggtctctg cagaaccttc tgacctttta gaaggcctgc	120
atctttccct atagtttctc ccacc	145

<210> 27809

<211> 421

<212> DNA

<213> Homo sapiens

<400> 27809

ttcttgtcac cttgwaaggg aaagcccacc tgagcacgac atccacactg agggaaggac	60
acagagtcag agagttggga gagagtccag gtgacattat taagcaccca cgtgcagcca	120
aggtacagtt accccagaac attctcactg ggatccaggt ggctgtgaag gtcacctaga	180
gaggtcagca gagctcctcc agcctctgga gttgacagct gtgaagtcga tataataagg	240
gccccgaatc acccaacctc aatcagctcc ttccagtgc tgccatcgtg ggcactctac	300
actgagtcac gtagcatgcc agctggggca gctacttcac tacatcctag agccccacca	360
aaagcaggag gaaagaggcc tgaggcaagt tccggcaaat actatctgcc ctacagtacc	420
a	421

<210> 27810

<211> 168

<212> DNA

<213> Homo sapiens

<400> 27810

agggactctt accctcaaag accttgcagg ctagtgggga cggcagacct gctgagagat	60
tgcgcctgtt ctacagccat tggaaggcac caagatgact gtgaataatc tgcaccctcg	120
agtcactgag gaggacattg ttgagctttt ctgtgtgtgt ggggccct	168

<210> 27811

<211> 240

<212> DNA

<213> Homo sapiens

<400> 27811

caaatgaaga aattaaggca caagacagtt aagtaatttg cctaagatta tacagttgct	60
gggcgcggtg gtcgcgcct gtaatcccag cactttggga ggccaaggcg ggtggatcac	120
ctgaggttgg gagttcagga ccagcctgac caatatggag aaaccccatc tctgctaaga	180
atacaaaatt agctgggcgt ggtagtgcac gcctgtaatc ccagctactc gggaggcaga	240

<210> 27812

<211> 370

<212> DNA

<213> Homo sapiens

<400> 27812

tcacaaaggt ttttttcagt tctcttttac gaatagccat gcatcactta atggagggga	60
tacattctga gaaatgtgtc cttaggtgat ttctttgctg tgtaaaccac acagagtgtt	120
cttacacaaa ccaagatggt ttgcctacta tatacttagg ctatatggta tggcctgttg	180
ttctgaggct acaaacctgt gtagcatgwt actgtactga atatttttag caattgtaac	240

acaatggtaa gtttttgtgt atctaaacat agaaaaggta caaaaaaata tgatataaaa 300
 ggtaaaggaa atactataca ggttacttac catgaatgga gcttgcaaga ctggaagttg 360
 ctgtaggcat 370

<210> 27813
 <211> 154
 <212> DNA
 <213> Homo sapiens

<400> 27813
 aaatawaaga atcttatgwa taaagtaymt aaccacctca aaatacatat gsaactacat 60
 gacattacct gggactctag ggawgtgaat gtttgagatt tctgtgmaat ggtaaaagat 120
 gcctttcaac tttgtaaaac aatgatttgt ttct 154

<210> 27814
 <211> 144
 <212> DNA
 <213> Homo sapiens

<400> 27814
 agtcagtcct gggttgtacc cggcgcastg ggamkcggt gcttcctccg gggtcgtatc 60
 tccgcccggc atggggctgc tggacctwtg cgaggaagtg ttcggcaccg mgaaccttta 120
 mcgggwgctg ggcgtgcgac gcga 144

<210> 27815
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 27815
 gtcggcgccct ggcagttcag gtgaacaaca gtaacttctc agagctgwtc tccactcctg 60
 acttctccca gcctmgagaa ttgataacac actcttctgg atcccagcag tgtccagaag 120
 aagaccaaag gamcagaaca gagamtagct mtcggtgaga ttggacasat tttgggammg 180
 awcatgacga gccawcaacc 200

<210> 27816
 <211> 210
 <212> DNA
 <213> Homo sapiens

<400> 27816
 cccttaagac tcaagtcttg atactttgtc tgctctctgg ctctttcttt gtcattacta 60
 ttatttttat cttcttgatg ttgactcttg ctaaaatttt ttgtcttcct tattgttaat 120
 gcttatagaa aatgattcct tgttatcttt tagcccatgt catccgaatc atttgctgtt 180
 tctagcctag gtgctttgac tatgccaaacc 210

<210> 27817
 <211> 242
 <212> DNA
 <213> Homo sapiens

<400> 27817
 ggggtactcat tttatgacat aattgcatag tacatagcgg ttcccagaga aagtccttct 60
 ttattagcct aaggatcagc tggcagagaa aggagaagca gctggacact ggagactaca 120

gttgggtgtc agagagaagt ggcttgactt cagagggaca gcttgacagc atagcttcag 180
agaggagtct ggccaggaag attattttcc ctctctgtcc ccttttcagc ttccctccc 240
ac 242

<210> 27818
<211> 530
<212> DNA
<213> Homo sapiens

<400> 27818
aatcagtggg gtgggtaaga aggctgtgag aagaaccgat gtgacctgca ttagtatatt 60
gtatcaggaa aatgcaaaat ctagaatgag aaagggttgca tcaactggctt tcaggtatag 120
gctgggtcac tagtcttaaa acatttcttc ttgagaatgt ctaaaagact gtggaatctg 180
ttagatctta tatactttta agttggcacc tgaaactttt catcctagat ttacatagtt 240
ggctctcagt gtgaaacatg gctacagatt ggctgggaag tattgtgtcc atcaattgtg 300
gagatagctt ggggtgtctat cagggaagag tgtcagctgt ggatcaggtc agccagacca 360
tttctctcac ccggcctttc cataatggag tgaagtgtct tgttccagaa agtcaccttc 420
agggcagggt acattacgga gttaaaaaat tctggagata ccaggacctg gagacaacca 480
acattttgga gmcttcatca aacagaattt agggccctct ggtgctggct 530

<210> 27819
<211> 209
<212> DNA
<213> Homo sapiens

<400> 27819
atttcttcc tgatagaagc cacatttgct gctttgcagg gagagttggc cctatgcatg 60
ggcaaacagc tggactttcc aaggaagggt cagactagct gtgttcagca ttcaagaagg 120
aagatcctcc ctcttgacaa attagagtgt ccccatcggt ctccagtgcg gcatcccttc 180
cttgccctct acctctgttc caccctctt 209

<210> 27820
<211> 315
<212> DNA
<213> Homo sapiens

<400> 27820
aactgtccgc tgctctctgg tctctggata tgaggcagga gggcttgggg acaactgtgg 60
ggacatggcc cagatgatct gatcctggca gtagtactg ttggggacca gccattacag 120
cagcagatca tcagactcca ccaagagctt gggagacaga agtctctgtg ggtgatgtt 180
catgaaaaac tccggagtca tatagatgct ttgaggagc agaacatgga gctccgagaa 240
aagctgaaga gctctgcagc tgccagcggm tggaaagcca ggaagaaatc tgcagcgtcc 300
ccacacgagg gncct 315

<210> 27821
<211> 194
<212> DNA
<213> Homo sapiens

<400> 27821
attttttggg ggagacgggg ttctgctgtg ttggccgggc tggctctccag ctccctaaccg 60
cgagtgatcc gccagcctcg gcctccagag gtgccgggat tgcagacggt gtctggttca 120
ctcagtgtc aatggtgccc aggctggagt gcagtggcgt gatctcgsnt cgctacaacc 180
tccacctccc gcc 194

<210> 27822
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 27822
 caagaagaga ttacaatcct aactatatat gcacccaata caggagcatc tggattcata 60
 aagcaagtcc ttagagactt acaaagakrs ttagaccccc acganrtaaw aatgggagac 120
 tttacacccc cactgtcaac attagaca 148

<210> 27823
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 27823
 gactttctca cccgctctct ccaagtcccc cctcagaatc gccccaccca cttccaaccc 60
 ctccccatgt cagggaaaaa aaactccaaa 90

<210> 27824
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 27824
 gtggttacca aggcgacgca acgccgcccc gccagctttt cagtttcata gaggt 55

<210> 27825
 <211> 133
 <212> DNA
 <213> Homo sapiens

<400> 27825
 agtctcaggc tgtttggtcc cccgcggggc aatgcgactg cgcgtcgctt cctgattggc 60
 cgagagttgc gggctgcgtg cgcaggcgcc tacctctgtt acttagggcg ggagcggtcg 120
 akggcgccgg tgc 133

<210> 27826
 <211> 81
 <212> DNA
 <213> Homo sapiens

<400> 27826
 tatgttactg atttkcatta gcttaattkt cttgaacttk ctgacgtggt tttaatgtta 60
 gtcaaggtgc agttctgctt a 81

<210> 27827
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 27827
 acacatgca gggatakaact ghgtgttcag ggttttctct gaaagcctga agggattgtg 60

00000000000000000000000000000000

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<213> Homo sapiens

<400> 27833

tgggaggccg aggtgggtgg atcacctgag gtcaggagtt caagaccagc ctggccaaca	60
cggtgagact ccgtctctac trdaaacaca aaaattagtt gggtgtggtg gcaggtgcct	120
gtaatcctag ctactcagca gactgaggca	150

<210> 27834

<211> 171

<212> DNA

<213> Homo sapiens

<400> 27834

ttaaaatctt gatttccagc taagtaaggc tgatagtaag cattgattta catctttttt	60
aatgatataa gwaattacat aaatataaaa tatggctata aaattcttca tctataaagt	120
gaaghwatgt agactaggtg atatttttaa agctgcattc agttctcaaa a	171

<210> 27835

<211> 341

<212> DNA

<213> Homo sapiens

<400> 27835

tattcaacag gctaggcaga aatgtctcag atggaagaac attttcctga aagtgttaca	60
tgagaaatgt tacagtggat gctgagttat ggtctgaatt tatttttatc ttagttttaga	120
atatgttttc tctaaagtag gcaaaaacta taantttgct tccataagca gtgtggtaat	180
taattctcat actatgaaca tttcagggtg aaaccacact cagagtttca gaaatggagg	240
gatcttagaa atcatcttgt tcaaattctg tattcttcac atttaagata tcgcagggtgc	300
cttctttttt tcttccttga gacagagttt tgctcttgtt a	341

<210> 27836

<211> 79

<212> DNA

<213> Homo sapiens

<400> 27836

agaggtgagg ctagtgggag tgggactggg actgggagcc agcaggcatc tggatttccg	60
ggtgtagttg gagtgggac	79

<210> 27837

<211> 292

<212> DNA

<213> Homo sapiens

<400> 27837

aaagtagatg agaacaaaag ctacaaaaag taggagagca aactaaagtg acacaaagta	60
attgagagtc ctcacgttaa aaaaaataaa gtggtctgcc aaggccttct atcagatcta	120
aagccaaatg tataaatgaa tttacttaaa cagtgtaaat aaaccctgat ttatcaggra	180
atgawcattc tgttgttcaa aaaagcagaa cgacatttaa tacattgaga aaagaataaa	240
gattacaata aagtatgaaa ataggtatag tttagagaaa caaacctcc gt	292

<210> 27838

<211> 148

<212> DNA

<213> Homo sapiens

<400> 27838

tagctagcct tggttaaatc tcagttgtaa agagaaaata tgaagtgtac ttttactcat	60
gtgctattga acagctatag aacaagcaaa acagaaaagg cagacaactt agcttccagt	120
taaatccttt cccagtckat acatggat	148

<210> 27839

<211> 293

<212> DNA

<213> Homo sapiens

<400> 27839

aatccaacct ctgtcctctt aggagaagga acctgtcctt gggttcagatg gctgggcatg	60
aggaggaaaa tttccattag tgtagaaaag tgctggacag aatccgggtt ggaaaattac	120
aaatccagtt ggtcaaaata ggccatttcc tatgtgtgac ctattcgtgg tatgccaact	180
ggactgmty ctaaacagga mgraggaaag tgaggaatat ttttatatga aagccttagc	240
ctgtctggca cccatgaaaa aaactattta tgcactccta ctttcaccgt caa	293

<210> 27840

<211> 55

<212> DNA

<213> Homo sapiens

<400> 27840

ctgttcctgt gttagtttgg cccctgaatc tacaatgtgg gcagagctca gcaaa	55
--	----

<210> 27841

<211> 62

<212> DNA

<213> Homo sapiens

<400> 27841

tttcttggtg tatdctarct atatgtttga tatattcatg acacattatg tctcatgatt	60
at	62

<210> 27842

<211> 233

<212> DNA

<213> Homo sapiens

<400> 27842

ttygtctatt tttgcttttg ttgcctatag ttttgakgtc ttaccaagc aatctttgtg	60
cagaccaata tcctgaagga tttctccaat gttttcttct agtggkycat tagtttcaga	120
ccttacattt aagtcttta tccatcttta tttgattttt gtatatggtg aaagatakkg	180
gtctagttbc attbcwtgtg ccattagaga tggtcagttk ttccaagcac cat	233

<210> 27843

<211> 116

<212> DNA

<213> Homo sapiens

<400> 27843

aagcagttga ggaatgtata gtatttgaga aataagcaca tccacacatg aacacttttc	60
ttgctcccag attctgtgtg aaaggtgtaa cagttggatt tatgattata tacttt	116

<210> 27844
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 27844
 tgtgtaattc tgtagtttc agatttctct cctgtttttg caaattgtgg gaaagattga 60
 caatgcaa atgtgtcaaaga catactgttg ggtgctta 98

<210> 27845
 <211> 265
 <212> DNA
 <213> Homo sapiens

<400> 27845
 atcacagttt ttgtcccat caactgcaac cactcacat tagcgtacc tgagcactcc 60
 ccaactgccg tactcgggac actctgggccc ttagaggatc cgtgtcccgt caaccgag 120
 tcccttgctc gcccctgct gcggggactc ggcagcgtma hctgccggaa acacccsgaa 180
 tkkttcatcc cgcgcgcagt tttgtwgatg ctgggtgaag gcgaccscgc agatakgtc 240
 tgtgacagac gcytaaagcg ccgaa 265

<210> 27846
 <211> 197
 <212> DNA
 <213> Homo sapiens

<400> 27846
 catcaacatg ccttggtgtg tattgtatag gcccttgccc tgtggctctc aagagtcctg 60
 gataatgtac aaaggacata gcttagtctg gcttgacagaa ttgtagtatt ctattgactc 120
 ctgagtacct ccaactgmatc atgggcacaa rcaatgtct ctaccarggc ctggcaacad 180
 agtccgatct ggcccta 197

<210> 27847
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 27847
 agagagatcc cttgywagtt ccaccatgtg aggatacagg gagaaaatkk trgtctatga 60
 accaggaagc aagtcttcac cagaaccag ctgtgctagc accckgaact caggctttca 120
 gcmccagwa ctatcctcag a 141

<210> 27848
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 27848
 gtctggcagc gggtttccgt cctcgccgta tgctcttcc tctggcctgc ggggtggccg 60
 gggacagaag gtgtggtcag tgcaagttcc tccccagctc ggcgaggatc caaatcacgt 120
 aatgatcggg tatcagaaaa agacgtcagc atccct 156

<210> 27849
 <211> 195

<212> DNA
<213> Homo sapiens

<400> 27849

acattactca	tggtgaggaa	ctaataggta	ttgtctaaag	agatagaaat	tacaaaggta	60
accattagaa	caaagctata	aaccttccta	gatattgaaa	gaactacaaa	ccagttaaaa	120
ataaaacatc	athtagtgaa	aaaaaattct	tatataacca	catacataac	caggcaggsy	180
ytaagaccca	wgrmc					195

<210> 27850
<211> 159
<212> DNA
<213> Homo sapiens

<400> 27850

attactaggg	tgtccaggac	attgtgtgac	tcaggaaaca	gctcagacgt	gaggcttgca	60
gcaggccgag	gaggaagaag	aggggcagtg	ggagcagagg	mrgtgggtcc	tgccccagtg	120
agagctctga	gggtccctgc	ctgaagaggg	acaggggacc			159

<210> 27851
<211> 176
<212> DNA
<213> Homo sapiens

<400> 27851

caggatatatt	tgctcacttc	catgatata	cagatgacat	ttaacccgaa	tatgacatca	60
ctgcgtaata	tagatcatca	ttcttctcat	cttccaataa	tattttcccc	attacctacc	120
acctggctct	gaggccagta	gctcatatatt	tatgtctttt	tgaagtcac	accct	176

<210> 27852
<211> 313
<212> DNA
<213> Homo sapiens

<400> 27852

taaaccttta	gttatttggc	aagtagtatg	agggcttcta	gctgtctttg	aaaaacttaa	60
gatttgtaag	acaaggaaga	gcagagaata	taaataagtaa	agggcctggc	aacaatgtgt	120
ctttgttttt	aggtaacgtt	ggttggcagt	cagcaaaaag	gccaggctca	ggcagtcctta	180
acttgraaac	cgctwacwgg	aatymcccaa	aactatgtat	acaactcctg	ctgtggggttt	240
tttaaataatc	aaagattacc	gattttaatg	gtagggtaat	atagactgaa	atccccacat	300
tctccaccc	tca					313

<210> 27853
<211> 170
<212> DNA
<213> Homo sapiens

<400> 27853

agtggctcgt	gcctgtaatc	ccagcacttt	gggaggctga	ggcgggcgga	tcaacttgagt	60
ccaggaggtc	gagaccagcc	tggtcaacan	ggtgaaacca	tgtctctatt	aaaaaataga	120
aaaattagct	ggatgtggtg	gcaagcacct	gtaatcccag	ctacttgga		170

<210> 27854
<211> 259

<212> DNA

<213> Homo sapiens

<400> 27854

tacatatatt cctaggtaca tcatatatatt ggatgccatt ataaatatct tttttggaaa	60
tgtcatttct ggtatgtggg aatataattc agttttttca taacattgga agccagttgt	120
cttacagaat gtctcacatt atttatctga ttgcttcctc ctggtatcgt ctgacgtgtt	180
cbvgtamsat aaagttggaa kttagtctag cagtacagtt ttctttctga cagctttact	240
gaagtattta cacagctac	259

<210> 27855

<211> 106

<212> DNA

<213> Homo sapiens

<400> 27855

agtgggagct gccgggagtt ggagcctgcg gagttcgaga ccatgctgct gttctgcccc	60
ggctgcgggg acgggctgat cgtggaggag ggamaacgct gccacc	106

<210> 27856

<211> 99

<212> DNA

<213> Homo sapiens

<400> 27856

ctttgcagga gaatgtgctt gttcttaaca tgtacatgya twtgctggtc aagtgaagtg	60
atgtctgcaa gttaatttca matgattaaa aaaggaaga	99

<210> 27857

<211> 102

<212> DNA

<213> Homo sapiens

<400> 27857

catacaatga atcaaadaga tcagaatctc ttatggacat acatcatwaa aagttaaaga	60
gtaaggctgc tgaagacwaa aataagcctc aagagagaat ac	102

<210> 27858

<211> 153

<212> DNA

<213> Homo sapiens

<400> 27858

cctagatttc tcacaccctg ctctttgact ccagtcctcc acattggaat ttttgatgg	60
cctgcagcca gatgtaggca ctggggagtc aggagtgtaa cmtttagctc acctatctag	120
agaccaattt attkcacatt cctgcattct cca	153

<210> 27859

<211> 105

<212> DNA

<213> Homo sapiens

<400> 27859

tttataagta tctgcerrata ttatgtaaat ttttagtcac acataaagta gcmatttwmt	60
--	----

ttttcacttg ggttgaattt acttnhaagt atatgagtca tatac 105

<210> 27860
<211> 144
<212> DNA
<213> Homo sapiens

<400> 27860
tagttttaat tgacgtaaac atgtaagggt ctcttcattc atgtaacaaa aaagcaaggt 60
aggatatata taccagtata actctatattt cyawtcctta gsctawgtgc ttccvaagct 120
gtatgtgaar ctacattact gtgt 144

<210> 27861
<211> 118
<212> DNA
<213> Homo sapiens

<400> 27861
tacttaacct ttctttgcct attttctgac ctactaaata gggataaaaac tagtttggtc 60
taggggttttg gaaattaaat gavatgattg atcccaagat gtgtaatttt taccagga 118

<210> 27862
<211> 166
<212> DNA
<213> Homo sapiens

<400> 27862
attcatacaa gagagaaatg ctacaaatct gaagaatgtg gcaaaacctt taaccactgc 60
tcagacctca atgtacctga gaaaattcat acctgagaaa aatcctacaa atgtaaaaaa 120
tgtggcaaag cctttaatac ctgctcatgt cttactcagg accaat 166

<210> 27863
<211> 129
<212> DNA
<213> Homo sapiens

<400> 27863
tgggtagcag agttttgcct aatgcattgt cgctaaaagg gatgaagggc atcgggatct 60
acaggagatg gaaaaagtag tgacaggata gtagtgggaa aaactaggat cggatcaagg 120
cactggaaa 129

<210> 27864
<211> 163
<212> DNA
<213> Homo sapiens

<400> 27864
taagataacc actggatctc ttccttatga aggtatgtca ggaagtaatc cattcattgg 60
tgctttggca ccatgggtac tatctcatcc cccaaaactt ttcacctaat agttttagca 120
tctattgatg atbcttgtgc tattataatg gcagtcgcaa aat 163

<210> 27865
<211> 60
<212> DNA

<213> Homo sapiens

<400> 27865

agactcgagm agtctcttga acacgctgcg gggctcccgg gcctgagmca ggtctgttct 60

<210> 27866

<211> 251

<212> DNA

<213> Homo sapiens

<400> 27866

caatttatta agagctatgt gtggatgttt gctatctggc aattcagatc tcctgaccaa 60
 acccatgttc attcactgag tgaggtatag tgtgggttac agagaaaatc ggtcatagt 120
 ttatttgttt atgtcctatc tacaaaagtt gcaatgatgg aatttggaa ccttctgtgg 180
 ataaaatagr atckgcywat aatwattagc attttgtctc tgaacctaca gagaggagac 240
 cacatgaaca a 251

<210> 27867

<211> 125

<212> DNA

<213> Homo sapiens

<400> 27867

cttcctcagt caccaggct ggagtacagt ggcataatca tggctcactg cagcttagaa 60
 ctcttgggct caagcagtc tcccatctca gcctcccaaa gcactggaat tacaagcgtg 120
 agcca 125

<210> 27868

<211> 380

<212> DNA

<213> Homo sapiens

<400> 27868

tcagagccat tgggtgtgcag attccaatcc tttaaaaagt aaacacatgc cttttgataa 60
 agcgggaattg aggtgatcag aaattctgtt gagaaccag ctatttgtgt gagtatattt 120
 tagctatccc aaaaactttt tctgaccttt ctctttctgg gataggatat gtgtgcttag 180
 agtatyattc cgaaagggtta ctaatagtta atctgttaat tagttacatc aggtttcaaa 240
 tactaggcca gtgatatgag agcgagagag agagatttga attgtcaaat gtattgtcag 300
 atgcattcac aagagcagga ctgctttatc tgttttgttc actactgtac ccctagcatc 360
 taaatgaata cctagcccat 380

<210> 27869

<211> 149

<212> DNA

<213> Homo sapiens

<400> 27869

taactttttg ttttactatg aaagtgtcaa aaagcagcca aaaatacggc acagaatatt 60
 aagacacact gcaattatgt gtaccagtcg gtcttttaaat gtacggggcca ctgtctgcag 120
 aagtaattct cttgaaaatg aagaaggck 149

<210> 27870

<211> 107

<212> DNA

<213> Homo sapiens

<400> 27870

cacacaggag agaaaysttt caaatgtgat gagtgcggaa aggccttcag tcagagtacg 60
agcctctgca kccaccagag agtccacacm maggagagaa accatct 107

<210> 27871

<211> 122

<212> DNA

<213> Homo sapiens

<400> 27871

aatataacat tgctcatcag gctcagagca gcaactgctgg agaggcctgc cttgacagat 60
gaggcagctg agtcctggaa agagaggcct tcttggaat cacagccgat gcaggggcct 120
ga 122

<210> 27872

<211> 263

<212> DNA

<213> Homo sapiens

<400> 27872

tagaattcac ttcaactagt tggtttttta cttttatttt attattatta tttttagatg 60
aagtctcgat ctgtcgtcca ggctggagtg cagcctctgc ctctgggtt caagtgattc 120
tactgcctca gctactcagg aggctgaggc acgagaatcg attgaactca ggaggcagag 180
gktgcagtgg gcagagatct cgccactgca ctccagcctg gatgacacag tgaaattctg 240
tccactccca cctcccgtc cac 263

<210> 27873

<211> 149

<212> DNA

<213> Homo sapiens

<400> 27873

tctcggtcgc ctcaattctc ccccttgccgt gtgtacttct gaaagtactt tttatccttg 60
gtcttcttcc tctctcagta tcttatctac tctgccaat gcaaattcca cctctgcag 120
ataactctga agcttccatc ctttcccc 149

<210> 27874

<211> 89

<212> DNA

<213> Homo sapiens

<400> 27874

atTTTTTTTT tttcttcttc gtcagcctcc cttccaccgc catattgggc cactaaaaaa 60
agggggctcg tcttttcggg gtgtttttc 89

<210> 27875

<211> 239

<212> DNA

<213> Homo sapiens

<400> 27875

tgactaaaaa cctaaataaa ctgattaggt tttaggcggt ctttcaaaga gggtcttgag 60

aagattgaga actatcctat ttggtgctta gtgaaaagat tttgaattac tgtacgtacc 120
agttgttgcc atttctttat taaattcgna agtttttttg ccaaataaca atttttcaat 180
chwcttcygt wtkgtagamm tctwactggg tgatgaataa tcctctaaga aacctcga 239

<210> 27876
<211> 166
<212> DNA
<213> Homo sapiens

<400> 27876
catgaggcat ttacttggtta ctagacatct agatgattgt ttctcggaat aacttggttg 60
actaacatct ttctgcttcc tgcctgctatg atcacttctg caaaggacga hgcctagtag 120
attttctggt agaattctat ataccataag atttagttga aacatt 166

<210> 27877
<211> 163
<212> DNA
<213> Homo sapiens

<400> 27877
aatattactt attacaatga ggctatatct gtggtctcat ataatgctta ataattggta 60
tgtattagag tctcctagaa tgcctgttaa agataagatt cagaccatac ccacaaatct 120
aatttatttt tgaatttgc tgtactctta tatggcagtt gtc 163

<210> 27878
<211> 143
<212> DNA
<213> Homo sapiens

<400> 27878
ccttttgaaa aattsracct caatgcagct gagttaagag ataaaagcac tggcctacac 60
ctggggccac aggatctctg agcagctaag gggtcagggtg ggatggaggc aagagaggtt 120
atggtggwga atttgggtgc acc 143

<210> 27879
<211> 110
<212> DNA
<213> Homo sapiens

<400> 27879
ctatactaatt ttgwactwa acatttttta aaatttttaa ttgtgataaa atacatgtag 60
caaracttac tatctkaaac atttttaagg gtactgctca gtagtgtaaa 110

<210> 27880
<211> 159
<212> DNA
<213> Homo sapiens

<400> 27880
taaaaaatgt tttcaagatt tttatttttg ctgctctact aggcaaaaga gtagtcttct 60
gtttttagag tgtctagwmt gagctgtgaa aggmittggg ttagggtctt gagaagatca 120
gaggaacatg tttgbngcct cctgcagctt tgtkggcat 159

<210> 27881

<211> 160
<212> DNA
<213> Homo sapiens

<400> 27881
tgagataatc acatkrtttt tgtgtttaat tctgtttgtg tggmgaatca cttttattga 60
tttgcgtatg ttgaacccta tatatatgtt ttttgactgg cttatttcat tcagaatgtc 120
ctcacatttc atccgtgttg yagcatatgt cagaatttcc 160

<210> 27882
<211> 196
<212> DNA
<213> Homo sapiens

<400> 27882
ctcctttcac agtgtgaaag gtttgttggt ttggtcttca caataaacct tggtagcgcc 60
aactctttgg tccctgccat ctaaaagcgc tgtgacactc accgcgaagg tcccggcttt 120
attcctgawk knacgaaccc accggcagga accaactcca gactactatg tgctakagag 180
aacttcttca ggcctt 196

<210> 27883
<211> 165
<212> DNA
<213> Homo sapiens

<400> 27883
aaaaaatctg ccgggcgcgg tggctcacgc ctgtaatcct aacacttttg gaggctgwgg 60
cgggcagatc acctgaggtc aggggttcaa gaccaactg accaacacag cgaaatctca 120
tctgctgaaa atacaaaaat tagctgggcg tggtagcttg cccct 165

<210> 27884
<211> 284
<212> DNA
<213> Homo sapiens

<400> 27884
ttccagattt cgatgtttct taagtctagg tgaatttata tatatatattt tttgcttttc 60
attttctaaa gttagttatt atttccattg aagcttggtt tctttttttc ttbmcatattt 120
agctactgca gtgcttttgt ttcacacttg atttgtaaaa attttatata tatgtattta 180
aaatgtgcca ttttattgct aagtgaagta tgcctgttt tctgctataa ttctttctcg 240
gtcagattgc aatgtcagca gttactgcca cactcctgtc agct 284

<210> 27885
<211> 326
<212> DNA
<213> Homo sapiens

<400> 27885
aagaggggta tatacgtata tatcatcgca cgggtgtgtc cggaaggctt gatatgctag 60
tcccgcggga caaggcgagc cgaggagttt gtgtggaagt ttgcatctga gagtgcgaga 120
gctgrwcgga gtgttacaga gccgcgatgc cwwctcggtt tgttttggtt tgtttttgat 180
acagtgtctc gctcttccgc ccagtctcga gtgcagtggg gagaacacgg cttactgcag 240
cctcaaaatc ctggacccaw aagatcctcc cacctcagcc trmctccca ggtagytggg 300
actacaggcg cacaaacacc atcgct 326

<210> 27886
 <211> 212
 <212> DNA
 <213> Homo sapiens

<400> 27886
 acacctccca aataaactac ttacattcac atctttgtct caggggtctac tcttaagaaa 60
 acataaactt agatgctgac aaaggcaaaa aagttataaa acctccgcct attttggtct 120
 ataattaagt cccttccaat acctgtgcc taagcaattg gtctttctaa gctcgccact 180
 tktatatata tttttaaaaa ttcacaagcc tc 212

<210> 27887
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 27887
 tcttccttaa aaaggaaata cagtgtttg agctagatga atccagctac attttacttt 60
 tttttttgag accgagtctc attckgttgc ccagggtgga wtgcagtgg gcaatctcgg 120
 cttackgcar tctccacctc ctgggggtcaa gtgattcttg tgcctcccag gta 173

<210> 27888
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 27888
 cattgtttat tttttaaaaa atttatatgca gttgtacaag atactacatt ccattgaaat 60
 gttggctatg tcctaaccag gcaaccagat acaaaaaaca ttttgagtct tttatctagg 120
 tagttctaata tattcagcta cttagtttaa caaaggaaaa tatcctgact tctctcattt 180
 cattgtgata cttttcattg tataggcaca c 211

<210> 27889
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 27889
 tggtagccat ttccttttct taccctgatc tccccagaag cctcttgtgg tggtaggctgt 60
 gcccctatgc cctgtggc 78

<210> 27890
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 27890
 ctataaatac aaaaattagc tgggtgtggt ggcacatgcc tttaatccta gctacttggg 60
 aggtgaggt gggagaatcg cttgagccca agagttcgag accagcttgg gcaacatagt 120
 gagaactcgt ctctacaaaa taaaacaaaa tttgatgggc atgggtggcac atgcctgtag 180
 kscagctac tcaggatgct gaggcaggwg gatcatttga gccaggaga cagtggctgt 240
 ggtgagctga gatgtgcctg gcaacagagc aagaccctgt ctcaaaca 288

<210> 27891

<211> 244

<212> DNA

<213> Homo sapiens

<400> 27891

aggaatcggg	ctcccgagg	ctggcgagac	acagtgagaa	cgaggaaact	ccagacggcc	60
tccgggcagg	ccccttacca	gcctggggck	tcttcctcga	taatggaact	gagaatcagt	120
ccctacctgc	ccggcaagaa	gaybrgawaa	acctccaact	accttgagg	aatcaatag	180
gatnacgagg	ttaatgccak	agcaggctga	gtgacagtta	caaataaat	gatcttgggt	240
ggac						244

<210> 27892

<211> 234

<212> DNA

<213> Homo sapiens

<400> 27892

agagtgaccc	gccaagatc	acacagcttc	agatggaggc	ccgtaggcta	cagagcccag	60
ctccctgccg	ctgcgtggag	aagaascctt	cccagctgtg	gccagagaga	gatgtgacac	120
caagggaaa	gatcagagag	tggctgaaga	cagagggagg	ggccaagagt	caaggaacat	180
aagtgacttc	gggaaratgg	vaaatgcagg	aracagaatc	tcccctagak	rccc	234

<210> 27893

<211> 76

<212> DNA

<213> Homo sapiens

<400> 27893

agcaggcgga	gaagckggcc	aatcaggggg	cgcggttcg	ccttmaccgt	cggtccctg	60
ctcctgtcag	aacctc					76

<210> 27894

<211> 215

<212> DNA

<213> Homo sapiens

<400> 27894

agaggagagt	agcccaattc	agggctctgt	aagaaaactg	aaccggatcc	ccgccggaga	60
agaaaatcca	gttcgggggt	tcctgtttra	ggggagaggt	caggtctctg	ggccccgag	120
tgaagaaaca	agctaggtcg	acattcttgt	ctgatggaga	cacggtgaac	ccggagcccc	180
tggagttacc	tcataccctc	actcaccgag	gaaaa			215

<210> 27895

<211> 58

<212> DNA

<213> Homo sapiens

<400> 27895

aaggtcgtga	aaaamrrgk	cttggtgagg	wgccgccatk	tcattctgtcc	tcattctc	58
------------	-----------	------------	------------	-------------	----------	----

<210> 27896

<211> 167

<212> DNA

<213> Homo sapiens

<400> 27896

cctctccac	ctggatctcc	agctccacga	gtctcacaga	acagccacac	tggtctcttc	60
attgtcttca	gctccacaac	ctaagacatc	agtgggagca	ctggctcctc	cctggacctc	120
magctcaacg	actctcatag	acttaaaagg	cagcacctgc	tcctccc		167

<210> 27897

<211> 102

<212> DNA

<213> Homo sapiens

<400> 27897

ctatatcttg	maccttgtga	tttgcccgcc	tcggcctccc	aaagtgctgg	gattaccggt	60
gtgagccact	gcgcccagcc	ttattctttt	tttttttttt	tt		102

<210> 27898

<211> 57

<212> DNA

<213> Homo sapiens

<400> 27898

tctttcggcc	acggagccgc	gcagatccgg	ttcccgggtg	accactctgt	cgccatt	57
------------	------------	------------	------------	------------	---------	----

<210> 27899

<211> 114

<212> DNA

<213> Homo sapiens

<400> 27899

agacttcac	acagcwgag	ccgtgaggaw	gaagctctgg	gatcaattar	aatgccaggc	60
ttttccaggc	tggtttccag	cgcacatctgk	hatgattcca	cataaattta	ggga	114

<210> 27900

<211> 414

<212> DNA

<213> Homo sapiens

<400> 27900

ccttctagac	tctgaatatt	gtgttttcat	tgtagcacac	ttagtatcac	tctttgtgtt	60
tatgtgctgc	agaaggcagg	gcttccagcc	gtctgtagct	gtgtgtatat	gtctgtgtat	120
gcatatagcc	ataagaatgt	gtattcttgt	gtatacacat	cagtacatgt	gtactcatgg	180
gtatatgtgt	gtgcattctt	acacacacdt	taaaaagtga	cagccatctc	aagaaagaca	240
tttaattttc	cctgaaataa	ccttagckmt	ctttgctctg	attctggata	tactaagtaa	300
acattggctt	tgtaaaagcc	gatttgtggc	atctttgggg	ccaggtttcc	agtagtgcct	360
caaattcttg	cttgatgagg	tggaacgtgg	cdtgtaagag	cccctcgttc	acgt	414

<210> 27901

<211> 309

<212> DNA

<213> Homo sapiens

<400> 27901

ttttctttag	ctgcatttac	atcaaaataa	acacttggat	ctacttgtgt	tatattcttg	60
------------	------------	------------	------------	------------	------------	----

tactgtggca	ctaaaatgaa	agaggaatgg	ttattttctt	gaggaactta	tgtactttat	120
atgtttatgt	gtctgtctct	tttttaaatg	tcagtaaaat	agtattatga	tagagacaag	180
atcagagcag	tactattaat	ccagtttatt	tacatctttc	caaaattatg	tactgctgtc	240
acttctgggt	ttcacttgat	gttacacttc	tcttaagaat	gccgtctggc	aactccctgc	300
acttcccc						309

<210> 27902
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 27902	
ctcctcagct	ctaaatgctg aaatttaaate ttgtcatgac aagtctggaa ttcctgatga 60
ggttttacaa	agtatttttg atcaatactc caacaaatca gaaagccaga aagaggatcc 120
tttcaatatt	gcagaaccac gagtggattt acacacctca ggagaacact cagaattgggt 180
tcaagaagaa	aatttgagcc caggcaccca aacaccttca aatgataaag caagtatgtt 240
gcaagaatac	tccaaatacc tccaacaggc ttttgaaaaa tccactaatg caagttttac 300
tcttggaacac	ggtttccaat ttgtcagttt gtcttcacct ccccac 346

<210> 27903
 <211> 320
 <212> DNA
 <213> Homo sapiens

<400> 27903	
agacatgaaa	aaacaagaaa gacagtttgc agagaggaga gaatgaaaca ggactgtaga 60
gagaagcaga	gacaagaaat ggatcttccc atctcgtcat gagcttccac ttccagaccc 120
tgtactcagt	ggatcagctg gcaccacgca gatggataaa ctggctcatc tggctttctg 180
gccccaccca	ggaactgatt cagcacaaga ggacagcttc accttctat gatttcatct 240
gtgacccccc	caatcagcac accccacnnt ccaaccact actcaccaa ttgtccttaa 300
aaaaccctga	tccctgagta 320

<210> 27904
 <211> 170
 <212> DNA
 <213> Homo sapiens

<400> 27904	
acttctctgg	agtcttccct gaatgctcta grmaggtata aatgagaaaa ttgttcctct 60
cttccccctc	ttattcctct cactgtgcct ccaaagtact ttgtccatac ctcggtgata 120
gtacttattc	tactgtgatt ttattgtagc tttgtgattg tctgccccct 170

<210> 27905
 <211> 90
 <212> DNA
 <213> Homo sapiens

<400> 27905	
acagtgcgcg	tagtccccga ccctcgcttt ctccctctgc tcctccgtmm gctccccgtcg 60
gacggggaca	ttgcaatgag gcgggatcgc 90

<210> 27906
 <211> 85
 <212> DNA

<213> Homo sapiens

<400> 27906

aagactatac tttcagggat catttctata gtgtgttact agagaagttt ctctgaacgt	60
gtagagcacc gataaaccac gagga	85

<210> 27907

<211> 380

<212> DNA

<213> Homo sapiens

<400> 27907

catgtaactt gtactttgct ttgcagcacc ttaggatgaa gagggactga ctgaggttat	60
tgctgggtcc tgatggtcct tagcatctgt agccttggac tccattcctt tggctaattt	120
tgaccatcag tctttcagac tttgatttta ttggcatcct gaccaggaat tgatttgtct	180
tatttattta tttagtgtg ttggtttcct tgttattgtt gttgttttta gagacagtgt	240
ctttctgtgt tgcccaggct ggactcaaac tcttggcctc agatgatcct cccatcttag	300
cctcctgagt agctgggact acacctatac cactgtaccc agcttaacat ataaatttaa	360
tttgcttctt tctaccacc	380

<210> 27908

<211> 402

<212> DNA

<213> Homo sapiens

<400> 27908

tttccttgcc cagctttcta tgccctgcct gctgtggtgc ctacagcatt tgctctccaa	60
gcttctatct gatgggccgt cacttatcta tattatttct taggcaaagc atcacctagt	120
tgaaattaag ttttaagaaa gcatagaggt gacaaaagct ccagtgttca tgaggttaaa	180
atgataagtc ttcaaatac atgagttagg cccactcatg tatacattaa gttttgcata	240
tatgcttgag aggttcaaat ctttgctata attagggcta ttgaaatatt gccctagata	300
ctgaggttat aaaaggaagc ctccctgcaa atacagcaag tcttttagtc ctaggcagct	360
gcagggagaa gggttggaac atatatgcat gaaaaggccg ca	402

<210> 27909

<211> 182

<212> DNA

<213> Homo sapiens

<400> 27909

ctcagaggcc tatgtaagcg ttcctgccag aaggagccat cgtcagaggc tccagttgca	60
tgactgcttg gagtttgatg tcctgaaggc aagaacagac aaacagagtt attagaaaac	120
atztatccaa atgaaacaag tggaggggtt tgaaactgaa agaagtgaag aaaagggaaa	180
gt	182

<210> 27910

<211> 367

<212> DNA

<213> Homo sapiens

<400> 27910

acagcccctc gaggcgacag ggccccgccg accagagcag tggtagaggc atbgatgggg	60
aagaaatgca gcgtatggat gttcctacct cttgtattta ctttgtttac ttcagctgga	120
ttgtggatag tatacttcat agctgtggaa gatgacaaaa ttttaccat taaattcagc	180

tgaaaggaaa	cctgggtgtga	aagcatgcac	catatawaag	cattgcaggt	gatgatcctt	240
cctgcaagct	gtgtgttttag	ttcaagttat	gaacawggma	gccttcctag	cccttgtggg	300
argctgtwct	gcgctycata	caaactgaaa	ccgawgtttt	aaacccgtgg	ctgaatatta	360
gtggamt						367

<210> 27911
 <211> 489
 <212> DNA
 <213> Homo sapiens

<400> 27911						
atTTTTgaga	tggagtctct	ctctgttgcc	caggccggag	tgcaatggca	cgatcttggg	60
tcactgcagc	ttccacctcc	caggttcaag	cgattctcct	gcttcagctt	cccagtagc	120
tgggattaca	ggcgcccacc	accacgcctg	gctaattttt	gtatttttag	tagagacggg	180
ctttcaccat	gttggtcagg	ctggtcttga	actcttgact	tcaaattggc	cacccgcctc	240
ggcctcccaa	agtgtctgga	ttacaggcgt	gaaccaccac	actgagccca	ggactaaaac	300
atTTTTaatg	taggtacttg	tataaaggag	ttccatgggg	catttcagat	gttggcacia	360
tgtggctgat	ttccctttaa	cactgtgatg	ttaattgtat	ggctctaaga	gttcagtctg	420
agcagtagta	atgttgtttt	taaagattga	gtcgaaatga	ctttttactc	aaaatgattt	480
ttaaaaatt						489

<210> 27912
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 27912						
gaggcgccgc	cgaaaggggc	ggagcgggtc	gmatatggta	aaagagmgcc	cgagcttccg	60
gcctgggtct	ggaagagggtc	ttgcgaamvc	gcactcgagc	gcgctcmgcg	actgctggg	119

<210> 27913
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 27913						
ttctcatctt	gcattcatga	tgggggagag	ggagtggaga	ggaggctgag	gcaccacgga	60
cagaaaaccc	tcacctggga	ggggtgccga	agggstyaa	gaagtcacct	tgattcgtgt	120
cctttttccc	tgacctmact	ttcccttccg	tctattcctc	tcgccccagg	ccgttactgg	180
gtagat						186

<210> 27914
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 27914						
tgtaccacca	taccagctga	tttttttgta	tttttagtaa	agacagggtt	tcaccatgtt	60
agccaggctg	atcttgaact	cctaaactca	agtgatctac	tcacctcagc	ctcccaaat	120
gctgggatta	cagatgtgag	gcacctggcc	tcagattttt	gatactctta	aaccttctga	180
tccttagttt	ctctctccaa	aatactcttt	ctagggttaa	a		221

<210> 27915
 <211> 298

<212> DNA

<213> Homo sapiens

<400> 27915

acagtggacc	catgyaaaag	gtggctatat	tggcaggggt	ggghagctct	tcatgggttc	60
aacaataagg	tctttccctt	tacaagactg	attggctact	gttattgctg	agtgccta	120
cagccaactg	cagagtccaa	cattgagtc	ctgatatggc	accattcact	gkgaaccag	180
ccagccatct	gctagtgggt	gattatattg	gacctcttcc	atcatggagg	gggcaaagat	240
atattctcac	agggmtagta	gcataattctg	catawggatt	tgctttctct	acctataa	298

<210> 27916

<211> 129

<212> DNA

<213> Homo sapiens

<400> 27916

aaagtataca	tggttrkaag	tgcagcatat	ctgaaatctt	gatatttgct	aatacttatg	60
gttgcttcaa	agataaattt	atgtgattat	tttgaaaga	tgtgtattaa	tttgaataat	120
accagatt						129

<210> 27917

<211> 201

<212> DNA

<213> Homo sapiens

<400> 27917

gtcttcagag	grgcgctgtt	tctggaggag	ttaggggaag	gaggctgcct	ggtaagccag	60
gaaaggggct	tctggccgtt	ctgtwggagc	gcctctgact	gactgtcccc	catgtgtccg	120
tgtggccaca	ccwgctact	ttcagaggca	gtgggctttt	cgctaaggga	taaaaagaag	180
taaaaccttg	cctttagcgc	a				201

<210> 27918

<211> 155

<212> DNA

<213> Homo sapiens

<400> 27918

acattagctc	taagcbncag	ttcctggtgg	tcgccaggga	cctgggggtg	ggggtaactg	60
aaccagaktg	cagaagcgag	gccagttgcc	catgggattg	cdgacttctc	tccacacagg	120
wgtctgagag	ggctgaggtg	ggcaakgcgc	tgaga			155

<210> 27919

<211> 184

<212> DNA

<213> Homo sapiens

<400> 27919

aattatttta	tttttwwatg	taatcttttt	ttttaattta	ttattattat	actttaagtt	60
ttaggtaca	tgtgcacaac	gtgcagggtt	gttacatatg	taaacatgtg	ccatgttggn	120
yggtgcacc	cattaactcg	tcatttagca	ttaggtatat	ctcctaattgc	tatccctccc	180
ccta						184

<210> 27920

<211> 210

<212> DNA

<213> Homo sapiens

<400> 27920

caaaaactag ttgggckagg tgggtgcacgc ctataatccc agctacttgg gaggctgagg	60
caggagaatg gtttgaactc aggaggcgga gttacagtga gccgagatca caccactaca	120
ctctccagcc tgggcgacag agcaagactc catctcaaaa aataagntga aaggccctgc	180
tgcatcagag attcagtgmb caaccctct	210

<210> 27921

<211> 111

<212> DNA

<213> Homo sapiens

<400> 27921

artcccaaca ctttggaraa gccgaggtgg gcagatcatt tgagctgagg agttcaagac	60
cagcctggac aacatgctga aaccccatct ctactaaaac tacwaagaat t	111

<210> 27922

<211> 220

<212> DNA

<213> Homo sapiens

<400> 27922

aaaacgaaag cggccadgta gagctccgtc ctgacgcgcc gcctcccgtg ggctccggcc	60
ggctaagccg cggcggacaa ctatgctgaa agccaagatc ctcttcgtgg ggccttgca	120
gagtggaaaa actgttttgg ccaactttct gacagaatct tctgacatca ctgaatacag	180
cccaacccaa ggagttagga tcctagaatt tgagaaccct	220

<210> 27923

<211> 373

<212> DNA

<213> Homo sapiens

<400> 27923

tattttcttc tgcaacaccg cttggcccca atacaaactc gacaatgatt ccaaatagcc	60
agaaaacggc actttcgagt tctccatcct acaagttcta gataattctt gtcataaaat	120
gggcaaatgg tctgaggtgc ctgacgtcca ggcattcttt tacacattgg tccctcccta	180
gtctctgctc ccaatgtgac tcatccaaa tctttcttct ttctctcctt tctgttcctt	240
cggctctccac ccaagttcc gagtctctg aatccttctt ttctatggac tcatctgacc	300
tcccccttc tccccaggct gtcctcgcg aggtgagcc aggtcccaat tctcacttag	360
cctctactcc ccc	373

<210> 27924

<211> 221

<212> DNA

<213> Homo sapiens

<400> 27924

actctatgtg aatgctatgt gaggacactc aggcacccct aagcagaggt ccacttggtg	60
aggaactgaa gccctgccc acagcaagca cagactcccc gccatagtgg tgacctgtct	120
cagaaccaga gcttctaggc ccaggcaaac cttctgatga ctgcagccct agccaaaatc	180
cagactgcag cttcatgaca gactctgggc cagggccacc c	221

<210> 27925
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 27925
 tcaatttgggt tactatatag tcttgtacac ttgttcaatt atttcataaa ttccaaggaa 60
 attttgcccc cagagataat ttgatgtcat taatatcatg tatagtctag agatatttta 120
 tgcataaaat acatgctgat actactttac ctttttttat acaaattgga tccataaac 180
 aatgttccta taccttgctt ttttggatc atactataca cattgctgtt gtacgttgct 240
 tgttttccct caacattaca ttggtgatcc atccatatct gagggatatg cagttthnnt 300
 aggcttgatga tacattcagt ggtatagcat tatttcctgt cttctgttg cttccaggca 360
 gagtctgccc ttcagtgttc ctatgtactt tcttcttga gttatccctc agatagcttt 420
 tttcctcctt ccccccca 439

<210> 27926
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 27926
 caatgaaatt cagaatttgg tggagttgggt aaaagattca gatgattaaa tgtagacaa 60
 ggctatctaa cagtaaatta ttgtcccagt gagaaaaaag ggtgatacca atcagaatgt 120
 ggcaagtaa agtaccagaa ttattgatat aaaaaaatt aatgtgagt atgaagtga 180
 atattagtga ttgtagtcaa agaacaaagt tcagatttta gagatggagd agccaatagc 240
 cactatgggg aaagggttgg aaaagattag aagtggaggc cattggttga gacgcctatg 300
 gaacagatga nkttaggcag ctgtatgtgt tatcatcagg gatggaaaaa tctcaggata 360
 atgacaggag tggggc 376

<210> 27927
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 27927
 ttccccacc ttgacacagg tgctttcaat agttttaaaa ttatttttaa atatataatt 60
 tagcttttta ataaacaaaa taaataaatg acttctttgc tattttgggt ttgcaaaaag 120
 acccactatc aaggaatgct gcatgtgcta ttaaaaattg ttccaaatgt ccat 174

<210> 27928
 <211> 230
 <212> DNA
 <213> Homo sapiens

<400> 27928
 ataattgtwt gttcccaaatt tctgttccc tgatcaacwk cctgrragtt tatatcccct 60
 caggataatc tattctctag cttaggtatc tgtgactctt gggcctctgm tctgggtgga 120
 acttamttct ctatagccca ctgagccccg agacagagaa cctgcccaca gctctccccg 180
 ctacaggctg caggcactgc arggcagcgg gtattctcct scccacactc 230

<210> 27929
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 27929

cacctctagt	tgtcagttca	actttttacc	tttagttttc	tctgaactct	tccccttggt	60
ccaaggggaa	gctttcaaaa	agtgaattat	gtcaccattt	gcatgttatt	gaatagaagt	120
gcactcttaa	catcccattt	atccagtgtc	aaagctatga	tacattgttg	ctttatgtgg	180
ggtctcccac	actgaaaaga	aaaacccgga	cttcatttat	wwagttatww	at ttat ttat	240
ttatttatta	ctttatattg	ctaattgtaa	cctctgctag	aagtaaatag	gctctcgcaa	300
atattcaaag	tgatacagta	ataaacatca	aatawrtrtg	agaa		344

<210> 27930

<211> 302

<212> DNA

<213> Homo sapiens

<400> 27930

ctaaattatc	atgcctcagc	ctcccgcata	gctgggatta	gaggcgtttg	ccaccatgcc	60
tggctaagtt	ttatatTTTT	agtaaaaaatg	gggtttcgcc	atgttggcca	gactgttctc	120
gaactcttga	cctcagggtga	tccacacgcc	tcgtctctcc	aaaatgctgg	gattataggt	180
gtgagccacc	atgtccggcc	tgattggcca	gcttttcatt	tggaatgggg	ataggacata	240
gttggaagtt	ggtgtctttn	ggttawtttc	ctaactgtc	caagcatcct	aaagwatcag	300
tc						302

<210> 27931

<211> 147

<212> DNA

<213> Homo sapiens

<400> 27931

ggttggcggg	cggcctgcgc	tctcaacctg	ggcgcttgg	aatcgcggtc	ccgtgctgtc	60
ctccaaactt	cagactcacc	tcggacgcgt	caacctcttt	gaagactttt	cagtcgccag	120
atgagcctta	trkgasytta	gccccac				147

<210> 27932

<211> 124

<212> DNA

<213> Homo sapiens

<400> 27932

ctgtacattt	tcaaggaatt	tttgagaggt	tcttgagag	attctgggag	ccaaacactc	60
cattgggatc	ctagctggaa	tatnaagaat	ggmttatcag	tgagagaccat	cgacagttga	120
gaaa						124

<210> 27933

<211> 159

<212> DNA

<213> Homo sapiens

<400> 27933

gtgtgtgtgt	gtaggtatta	aagatgtgtt	gttggtttcc	aaaaaggaac	actggcaaaa	60
taaattttga	atgtttatgt	tctcagaatc	aggttgacag	tccbtgtctg	acatggcttt	120
gctttgtgta	aatacagtgg	atctcaatct	tcgggggtgc			159

<210> 27934

<211> 125

<212> DNA

<213> Homo sapiens

<400> 27934

ctggctaatt tttgtat	ttt tagtaaagat	ggggttttgc	catgttg	ggcc	gggctgg	60
caaactcctg	acctcaggtg	awmcaccccc	ttcggcctcc	caaaatgctg	ggattacagg	120
cgtga						125

<210> 27935

<211> 127

<212> DNA

<213> Homo sapiens

<400> 27935

tagggtttca	ctgtgttg	caggetgg	ttgaatgc	gttctccatt	gttttatctg	60
gcattaaaa	gcagggttta	aaaaaaga	agcttgccg	gcgcagtgg	tcacacctgt	120
aatcca						127

<210> 27936

<211> 152

<212> DNA

<213> Homo sapiens

<400> 27936

tataaataat	ttttkttc	tttttgtgat	ggahtctcac	tctgttgcca	ggctggagcg	60
ccatggtgca	acctcagc	cctgggttca	agttattctc	ctgcctcagc	ctcccaaata	120
gctgggacta	caggcatgtg	ccaccatgcc	ca			152

<210> 27937

<211> 294

<212> DNA

<213> Homo sapiens

<400> 27937

agtagtcgct	gctgcgcggc	cgccggcg	actggtctga	agagacgcg	ggaccaagt	60
gcaacgactt	ggacatctga	gctgtcactg	ccgaaaacag	gccgcaagag	agataawcaa	120
tatgcatttc	caagcctttt	ggctatgttt	gggtcttctt	gttcattctca	attaatgcag	180
adwttatgga	tgatgatgtt	gagacggaag	actttgaaga	aaattcagaa	gaaattgawg	240
ttaatgaaag	tgaactttcc	tcagagatta	aaatataaga	cacctcaacc	tata	294

<210> 27938

<211> 192

<212> DNA

<213> Homo sapiens

<400> 27938

ggggcaggga	gggaaggtcc	cgggcgccg	ccggcctcgg	ggctgttttt	gtccgctttc	60
cgggggtcgt	gaggggccc	tgcsdcaa	cagtggcttc	agttaccaca	ggacaacaca	120
agatatacag	cybatggcat	atccagtarc	caggaaaaca	agcattctca	cgaccagcc	180
gaactccttc	ta					192

<210> 27939

<211> 92

<212> DNA

<213> Homo sapiens

<400> 27939

agctggcggg ggcggaagat ggcgacgccc ctcgggtggt cgaaggcggg gtcaggatct 60
gtgtgtctcg ctttagatca actgcgggac gt 92

<210> 27940

<211> 73

<212> DNA

<213> Homo sapiens

<400> 27940

acctttataa cttcttaaga gccagmtcat ctaatatggt cagaccagac cacttcttga 60
ctattcagag atc 73

<210> 27941

<211> 167

<212> DNA

<213> Homo sapiens

<400> 27941

ctgcctgtca gatgcctcat tcccacctgt gatgctcaga gagaaaccat gagccctcaa 60
aaacaccata ttgttttgtg atgtcacctc tggaatgttc tgagtgtttt ggtgaccaac 120
ttctgcatag gacctatacc tggcaactca cattgcactc aaggcct 167

<210> 27942

<211> 114

<212> DNA

<213> Homo sapiens

<400> 27942

tatagaaggc actgagtttc ccccttttca tcaaaatcag tcaccctgct cagtacgggtg 60
gtccttttacg tgcttggttg ttcagctata tgaagaacct ctaaattggc aaaa 114

<210> 27943

<211> 252

<212> DNA

<213> Homo sapiens

<400> 27943

atcaatgcc aaggaaaatcg aagaacacct gggaacgagg aggggtgcctg agccttagtc 60
caagccacat ttgaaatgc ctgccagagg attaaagagg atggaaacat tcttattgta 120
gaatatacga aaggatattt cagagcaa atgaggcctgt agtgaaaaac agaataact 180
gtgataaaag ctagaacaa ggttgacagac agtctaattc tggaacgtgt taaaagacat 240
ttcaaggccc at 252

<210> 27944

<211> 89

<212> DNA

<213> Homo sapiens

<400> 27944

aaagaagatt gcttgagctt gagtctgagc ccacmagtrm gctatgmccg caccactgca 60
ccccagtctg ggtgamagca caagacccc 89

<210> 27945

<211> 391

<212> DNA

<213> Homo sapiens

<400> 27945

taacctatgt taaagcaggg ctgttattgt tatccccatc ttaaaagtga agaaaccatg	60
aatcagagat gacaagaatg tatctaagac taagcagcca ataaataggc atggaaacaa	120
agtctcctga cttggattct tttagagact gatgcttctt tgtttttcag cgcttctgta	180
atggctatth gattaatgac attgaactaa tctgtgtcat tctgtctccc atctttttgt	240
actgtggaac tcagtgaactg ttaccacagag tttttgttgt tggtgttgtt ttttagagac	300
agcatcttgc tgccacccag gctggagtgc agtgggtgcag tcttagctta ctgcagcctc	360
aaacttctgg gctcaagtaa tcctcccgc t	391

<210> 27946

<211> 212

<212> DNA

<213> Homo sapiens

<400> 27946

cccactcgcg gtgtgaacat actgggtctc gcctctcctt tcccctcccc tcggcctggt	60
gctgaatcat gagcccaatg tctccaaaag acggagctgc gggmaggagg tccatgttg	120
gaagcggmgc cgwtcgtgct tgtwagcggg aatccgggag ccgcggggtg agctggmagg	180
ggccgggccc taagtgaaga tggaggcccc at	212

<210> 27947

<211> 88

<212> DNA

<213> Homo sapiens

<400> 27947

aagactatac tttcagggaw cawttctawa gwggtgttacy agcagaagtt tctctgaacg	60
tgtagagcac cgcataaacc acgaggca	88

<210> 27948

<211> 194

<212> DNA

<213> Homo sapiens

<400> 27948

taagtactag aaatgccgtt tttatcactt gaaaaatasm ttagaaatgt ttttcttttc	60
ccagaattgt gtgagtttgt tttgaagcct tgaataccgg tacatgggta acaggcagct	120
tgtgcccaat cccaaagcgg gaagaaaggc ctggctttgg ctactgatg ataaagtctc	180
ctccactgc cnga	194

<210> 27949

<211> 415

<212> DNA

<213> Homo sapiens

<400> 27949

agcaggtgag ccccgggccc ggatggtggg actgggcsca gggtcccacc gctcgtccg	60
cctcagccag aaccttctgg tccccgcccc cggataggga cccaggaggc ccaagcccct	120

tcttccggcg	gggagtggga	gcctctcgca	ctctcggcag	ytccagaccc	tcgggatctc	180
cgtttacagt	tcaggacctc	agctgcactt	tggcgctaac	gccctgtttc	ccagggctgt	240
gagggaccaa	ccaratatga	agctgttgat	ttctccaaaa	taaccatcaa	aagtctgatg	300
agataaagag	cacactggaa	actgggaatg	ctttgatgga	aattctgcaa	gtaatggacg	360
ctctggcttg	ccttggtgac	ygtsaaatar	aagcaagtaw	atactcagtt	ctctc	415

<210> 27950

<211> 138

<212> DNA

<213> Homo sapiens

<400> 27950

catctttgct	tttgtgagtt	tgtgtwaccg	cacaactccc	agacttttaa	ctgcctgtac	60
cttgaaaatg	tctgctgwtc	gwaacttctt	cagtttgwat	aacagtgctg	cagctgtatt	120
wggwtttwa	ctctcccc					138

<210> 27951

<211> 360

<212> DNA

<213> Homo sapiens

<400> 27951

agaaaagaaa	caagctgcgg	tacaactgtc	ctcaccagcc	ctcgcctccc	gagtcactgc	60
agccaaccct	tcagcaagga	gttgagggag	aactgtagga	acaccttggg	aagcctttac	120
tggttgtcct	cttaagaaga	gctggataat	gtactgagaa	tacctgtcct	ttcttggtcc	180
tggagggcag	acagcagcta	cagcaggact	ggtggaacca	gcttcctggc	aggaattacc	240
ctccccaaa	gctagggacc	caggaagatg	ccctgtccag	catagacttt	aaagagagtc	300
aaactctacg	gaagaggatt	gtaacggacc	atttctgaat	aaagtgatga	tcagccaact	360

<210> 27952

<211> 125

<212> DNA

<213> Homo sapiens

<400> 27952

tgttgtactt	ttagtagaga	cggggtttct	ccatgggtgt	cagactggtc	tggaactctc	60
gacctcaggt	gatttgccca	cctcagcctc	ccaaagtgtc	gggattatag	gagtgagccg	120
cccga						125

<210> 27953

<211> 458

<212> DNA

<213> Homo sapiens

<400> 27953

gaatgatggt	ttccagcttc	atccatgtcc	ctacaaaagga	catgaactca	tcatttttta	60
tggctgcata	gtattccatg	gtgtatatgt	gccacatttt	cttaatccag	tctatcattg	120
ttggacattt	gggttggttc	caagtctttg	ctattgtgaa	tagtgdsac	aatkaacata	180
tgtgtgcatg	tgtctttata	gcagcatgat	ttataatcct	ttgggtatat	accagtaat	240
gggatggctg	ggtcaaatgg	tatttctagt	tctagatccc	tgaggaaatca	ccacactgac	300
ttccacaatg	gttgaactag	tttacacgaa	catgcctcat	cataccctcc	agcattaaca	360
tcaacacaga	ccttaaggct	gataagaarc	atttacaatc	tatwchhhtc	tgaagtcwkc	420
tacctggagg	cttcatctgc	awgawaaaac	tttgggtct			458

<210> 27954

<211> 290

<212> DNA

<213> Homo sapiens

<400> 27954

tcatctctctt	cctgcttctg	ctctgggccc	gtgggtggct	ctcagaaaat	acttgctgct	60
ggcaaaaggc	ctgtactcag	gcatttgctt	tgacttgatr	wtgccaakgg	wctgaggcca	120
wttggcaggy	kttagtacca	cctgctcctc	atcttaggag	tctccttttc	aaataattag	180
gctctgttcc	cattttaaaa	ctctgatatt	ggccttcacc	tgtgactgga	cactttacta	240
gaggccatt	tttcackraa	caataaaatc	taaataaatt	ggaaggaatt		290

<210> 27955

<211> 344

<212> DNA

<213> Homo sapiens

<400> 27955

gcgcaagtgc	ggctctgcag	ggaggaggga	gggccgaggg	gaaggccctc	gagagagtgg	60
agggcaacag	tggccacggt	tcctctgtac	ttcgtttctt	ccctttatag	aattgagaga	120
ttgctgagcc	taaatacatg	ttgctgcatt	gcctccgaga	atggccggac	ctatccccac	180
tctcaccaaa	acagagtgtg	ggactcactg	ctccctcgmc	tactatgtaa	ccttcctagg	240
gatgctgttt	ctaactgctg	cgggccctw	cttaccatct	ctctggttgt	gmttctgamg	300
cattccctac	acaactggaa	mgtgtttcca	ggtcagcctc	ccta		344

<210> 27956

<211> 60

<212> DNA

<213> Homo sapiens

<400> 27956

cccattagct	cagccgtggc	atcggacttg	cagcttcatt	ttgggctgcc	ttagccatga	60
------------	------------	------------	------------	------------	------------	----

<210> 27957

<211> 267

<212> DNA

<213> Homo sapiens

<400> 27957

cctttaatgc	ctgatataca	aaagcagact	cataaacagg	ttttataaac	agtcttcact	60
tatagaatth	cataaatcct	gagctaattt	aatgaacaat	tggttttaac	ccataagtac	120
aaaacaatac	atcttgcata	aagaaaagta	tatctatatt	tgagagatag	ttagctgata	180
tggtcttgat	aattgtgcct	cgacctcatc	atttaaatta	atagagagga	aagttttctt	240
catttggttt	agatttacc	ctgcctt				267

<210> 27958

<211> 293

<212> DNA

<213> Homo sapiens

<400> 27958

aaagccttgt	tggtcccgcg	gtacatgctt	cctgttccca	gagagattca	cccttgggct	60
ttcctatcag	tcttcctaa	agttggctgc	tcctgtgtcc	tgacacataa	aactgtgaac	120
cgaggtctcc	gacttacgct	atgtcagtca	cagcagggtg	aggctccaca	agtgtgagtt	180

ctggccccctg ctgcttttcct ttcaaatgca gtttacagtt tattatggta ttggacaccc 240
catgctcctt actgcattgg ctttgggtaa gaaggagtga aaattagtgt gct 293

<210> 27959
<211> 75
<212> DNA
<213> Homo sapiens

<400> 27959
attagtaa at dagaaggcat aagtagcact aatagggtgca aagttaacca gaagttaaaa 60
ttgaaaacta gagtt 75

<210> 27960
<211> 103
<212> DNA
<213> Homo sapiens

<400> 27960
tagtagagac ggggdwtctc catgttggtc aggctggtct caaactccca ccctcagggtg 60
atctgcccgc ctgggccttt cagagtgtcg ggattacaac cgt 103

<210> 27961
<211> 116
<212> DNA
<213> Homo sapiens

<400> 27961
gggcttgctg cgkagggggc ggtggggtca cccatgggcc tttccaaaag caaakagaaa 60
cccaggaaaag gtgaggagca aaagaaggga tccacctatt cagttccaaa atctaa 116

<210> 27962
<211> 105
<212> DNA
<213> Homo sapiens

<400> 27962
cagaacaatc tgctggctta gcctttggcc aagttggmag ctggacgagc acgctcagag 60
cccagctctt gagagttcaa gtatccgaca gttccccact gctcc 105

<210> 27963
<211> 81
<212> DNA
<213> Homo sapiens

<400> 27963
cgccggggcg ggtgggcgct gcctgwagtc ccagcdactc gggagggtga ggcddggagga 60
tcgcttgagt ccaggngttc t 81

<210> 27964
<211> 112
<212> DNA
<213> Homo sapiens

<400> 27964

agcagcggtt gtcgggtttg gggctggagg tgaagccctg tgtgaatggg gttgattgtc 60
cggcgccact tccccgcgct gcccggcagc cgtcttcccc agccgagggg ct 112

<210> 27965
<211> 131
<212> DNA
<213> Homo sapiens

<400> 27965
ttgtattatt tatatatctt tgtatataat atttgtattg tattatttgt attgtataat 60
atttgtattg tattatttat atatctcccc agctgttttt atagtttcta gaaggcagag 120
gttgatctt a 131

<210> 27966
<211> 97
<212> DNA
<213> Homo sapiens

<400> 27966
tgggtacttaa gctcdytctt aaaggatgag tatgagttta ataagaaagg gtgggagagt 60
gggtcaatta atgttggatt tgtagttggg ttgttct 97

<210> 27967
<211> 55
<212> DNA
<213> Homo sapiens

<400> 27967
acccggattc cgcgcctagc tcagccaatt aagcatgaga cataggccat tgagc 55

<210> 27968
<211> 289
<212> DNA
<213> Homo sapiens

<400> 27968
atacatcac attadgtamt cagckaagta mtggcactat gaggatttyt dhtkctttcc 60
tgtcagcagm agthctgtga atgcatctta ggtataarr tgcaatacag atttttatat 120
tttgggtgtg rccatggctc aattttgttt taccagttag ttgcaagcaa aatgtaattt 180
aatgtataga tgatttctaa tgtctcctgm caaactgtaa atactgcatt tcttttgcgt 240
atataattgc ttacagcttt tctcatttga tatatagcat tgtacatat 289

<210> 27969
<211> 145
<212> DNA
<213> Homo sapiens

<400> 27969
tgcagtgcaca cagtcatagc tcgctgcggc ctgcacctct cgggctcagg tgatccttct 60
acctcggcca cctcagtagc tgggtactata ggcgtgtgct accacacctg gctaaatttt 120
gtwatttttt tgtagagatg gggtgta 145

<210> 27970
<211> 120

<212> DNA

<213> Homo sapiens

<400> 27970

aggaggggac aaaatggaag cggaagcagc cgggcgagga atctacgtgg gctgggtctgg 60
gctgtgtgaa gtatagagaa aaggcttttc aggactgcat gtgacgatgc ctgcgggcta 120

<210> 27971

<211> 74

<212> DNA

<213> Homo sapiens

<400> 27971

gcgcwgttct cggascaaac tgagggwggg gmggctatatt ctgcggggccc aatgacrara 60
tcagatgaa ctga 74

<210> 27972

<211> 325

<212> DNA

<213> Homo sapiens

<400> 27972

tatttttgata tctagaagtt aggttaaatt tcatgagttt aacttttttag taccacatta 60
tggtgatttt gctgcaggtt actagagggg gaagagagga ttttttttaa atgagacatt 120
tagttaaaaa cccagccaa agaaatggct tggctcattg tgtgagtgtg tttatttccc 180
agataacaac ttagcatgcc caggttgcgt gttcatggag catgcctgcc taccaaaagt 240
gttttgtttt tgkttttacca taggctaaca atgcwaagag aggcctctga tgaaattgtg 300
gctgaamaag aggctgaagt taaat 325

<210> 27973

<211> 246

<212> DNA

<213> Homo sapiens

<400> 27973

atggctatag ttcatgcaca gctaattccc caagccagac gaaactgcaa gctcgtgccc 60
ctaaccacac tgccacatca cctccagcca gtgctccccg aactgccatg cggttgcctg 120
caggctcgggc cacactgctt cccatgccgc tatctggcag actggccaaa gcatccacac 180
cagcccttgc caagcatgct accaccaacc tgctgctgag ctctctgaag caatcaagtg 240
ccaaac 246

<210> 27974

<211> 171

<212> DNA

<213> Homo sapiens

<400> 27974

aaactttctct gtcaattttt acatgatttt tgagaacatt ttaaataata ttaagacaaa 60
aaacattttca agaagcaaaa cacagtggaa agcacacaac agtgbaragc tccacagcaa 120
attggagctt cctggtttct gtaggtattt cttttttttt tttttttttt t 171

<210> 27975

<211> 259

<212> DNA

<213> Homo sapiens

<400> 27975

catttgatct	ttttttaaa	acggagtcct	gctcttgta	tccaggctgg	agtgcagtg	60
cgtgatctcg	gctcactgca	acctcttcct	cctgggttca	agcgattctc	tgccctcagcc	120
tcctgagtag	ctgggattac	aggcacctgk	caccacgccc	agctaatttt	tgtattttta	180
gtagagacgg	gtttcaccat	gttggccagg	ctgggtgtcaa	actcctgacn	ttgtgatcca	240
cccgcctggc	ctatttgat					259

<210> 27976

<211> 260

<212> DNA

<213> Homo sapiens

<400> 27976

tatgtcaaag	cattcatttt	ttttaggata	tctgaaaaaa	tgccatataa	gagaaaactc	60
tataaaacat	ctataatttt	cgaacccaag	tacactcttg	cattctatgc	tttaagttaa	120
atgbaaactc	cttttttcctt	cttctgtctg	caagtactag	ntcatcctga	tgctcaagag	180
tgtcagggcc	tggttttcca	aacagagact	accctaaaat	tatttggcga	gtagtacttt	240
acacaattgc	ctctccccc					260

<210> 27977

<211> 397

<212> DNA

<213> Homo sapiens

<400> 27977

agaggtaact	cagggccact	tacaggctca	cagaacctga	aaatttctaa	cagcaagggg	60
caaaaggatt	cctttatata	tgaaaaatta	actcaaaagg	gatcatagcc	ttagacataa	120
gacctaaaac	tataaacctc	ttagaagaaa	acacaggagt	aaaattcctt	gaccatgttt	180
taggcaatag	tttcttgcat	atgacaccaa	aaggaaaagc	aacaaaggaa	aaacattaat	240
tcatccaaat	taaaaacttt	tgcattttta	agaaaagtag	aaagacaacc	cacagaataa	300
gagaaaatat	ttgcaaattg	tatgtcggat	aagaaacctg	aatccagaag	gcaaaaacaa	360
ctcttacaac	ttaataataa	aaagtccaag	cactcct			397

<210> 27978

<211> 382

<212> DNA

<213> Homo sapiens

<400> 27978

cagacactag	gtatttgcca	gcagccaggg	tcagtgtctg	gccatggaag	ggaagcggcc	60
cgcttctttc	tcatggcacc	ttgaagacgc	gccagctgak	aaggcctctc	accgmmgcat	120
gaccatgggg	gcaggacgtg	agggcgcggg	ttagtgtcaa	aatagnaaga	ggaggcgagc	180
ttcaaggacg	gctggagaaa	ccagaagggc	attgtttgaa	casrtctttc	atcagaaact	240
ggactcatga	atccatgggt	caaatcatgg	cagcgtttgc	atcattcagc	tatttttctg	300
tcatttttgt	agaaaatgta	agattgcara	ggtttttacc	agtattatga	agttatatca	360
tgaggatgtg	tgcggtagwa	ga				382

<210> 27979

<211> 425

<212> DNA

<213> Homo sapiens

<400> 27979
taattggctc cccacttaga agaaagcaca cattcatcag tttccccccac agcaatggga 60
aagccaggcc tgggaacaca tggaggaggg caccgcccag ccgagaggag ctctggcccc 120
ggggtgtccc tcagggtgct ggccaggctg cctttgttcc gctttacaca tggccctgtg 180
tgatctcatg tccatctgta tgccagggtc gccagagacc ccagccagac tgcttgtcag 240
aaccctgctt ggcttctcgc cctggatgtc ccacagcaaa ctaatcctgt ctgaacttga 300
cctcgacatc ttctctccag gcgtgctcct ttgcctcacc tagtctgttt ctcagtgaag 360
agcaccacca tccacctgct tgcccacacc agaaacctca tctcatccct gtctcctccc 420
cccca 425

<210> 27980
<211> 210
<212> DNA
<213> Homo sapiens

<400> 27980
aaagattcca gcatcttggg agcaagtgtc ccaactggaaa ataaaagcca cgtgtctttt 60
taaaagcatg agtgaagaaa gacataaact tccggatttg cgtaagttag cttgccaact 120
aaggaaacac atgagtatta tctgtatctt caggagcact tgattagact ccagaaacag 180
aaactgcagc tgctcccacc acccccacgt 210

<210> 27981
<211> 53
<212> DNA
<213> Homo sapiens

<400> 27981
hatagagact tctggactct atagarecca ctgcctcctg atgaagtccc tac 53

<210> 27982
<211> 144
<212> DNA
<213> Homo sapiens

<400> 27982
tggttcctcc cgwtctctcc ttacccgagc ctgaggcccc tctggagaac aggcagcctc 60
tgaggaaacc tctgatcccc gatcagccam cccatgcct gcgtccccag mvgcttccck 120
cctgggcmmt rtwcccccct ccw 144

<210> 27983
<211> 369
<212> DNA
<213> Homo sapiens

<400> 27983
cttttaccgc tggagaagcc gacggacaga cgggcagcga cccccgccgt cgcacaaccc 60
gtctaggcag agagcgcagg agacggagg ggcgcaggga cacatctccc agccaaggac 120
ctcctgggcc cgcagaggcc gcgacagggt cccccacag agggaaccaa ctctgccgca 180
ggtttagagca cagcagactg agccaccag aactggcccc tccggtggac cagccccctgc 240
ggattcacag accactggtc ctggaaggga ccttgtcaag caggcccata aggtaatccc 300
tgaaagagaa ttccccgga agagaagatc acagattttg tcatattaaa atacawtga 360
gaaatbcac 369

<210> 27984

<211> 256

<212> DNA

<213> Homo sapiens

<400> 27984

cccaaattct	tctcatcttg	gaaaactgaa	actctatacg	tattaaactt	ccatttcccc	60
cagccccctga	caatcaccat	tctaccttct	agctctgtga	atgtcacaag	tacatcatta	120
trtgggatca	tacaggtatt	tdtttgtgac	tggcttatta	tacttagcat	gatctacgtt	180
gtagcagggtg	tcagaatttc	gttcctttga	aaggetgaat	aatattccac	tgggtttaga	240
tasaccacgt	tttgtt					256

<210> 27985

<211> 309

<212> DNA

<213> Homo sapiens

<400> 27985

gtctcccttg	gatcacttgc	ttggggggaa	ccagctgcc	tgttggtgaga	tgctcaagca	60
gctgtatgga	ggagcccatg	tgrmaaaaaa	ctgrgcaccc	ctcacaaccg	atattccctt	120
accaggagtg	tggcaagcct	ccctggaagc	agactcttca	gcaccagtca	arctttcaga	180
tgcwgcagcc	gtgggcaatg	actttgctgc	aatcttakga	gagactaagc	cagaaccacc	240
cagctaagtg	gctcccatat	tcattgactca	cgaaaactgt	gaggacacat	ggtgaawaga	300
gggcttgct						309

<210> 27986

<211> 257

<212> DNA

<213> Homo sapiens

<400> 27986

gcaaccagtg	tgggtccttt	tccactgtgt	ggtagctttg	ttcttttgct	cttcacaata	60
aatcttgctg	ctgtcacc	tttgggtccg	caccaccctt	atgagctgta	acactcacca	120
cgaaggngctg	cagcttcatt	cctgakrecca	gcgagaccac	gaaccactg	aagggadcaa	180
acaactccag	acgcgcgcgc	tttaagagct	gtaacactca	ctgtgaaggt	ctgcagcttc	240
aatcctgaag	tcagcga					257

<210> 27987

<211> 198

<212> DNA

<213> Homo sapiens

<400> 27987

tgcacatttt	actttgggaa	tcgagacgg	tcagattact	tgagcctagg	aatttgaatt	60
ttgaggcaag	gtcttgctct	gttgcttagg	ttggagttca	gttgcgctat	cagggatcat	120
tgcagtctcg	acctctggg	ctcaagctgt	cctcccactt	cagtctcctg	agtaggttgg	180
gatgtgctac	cacaccgc					198

<210> 27988

<211> 168

<212> DNA

<213> Homo sapiens

<400> 27988

aggtggaggt	tgagtgagc	tgagatcacg	ccattatact	ccagtctagg	caacaagagt	60
------------	-----------	------------	------------	------------	------------	----

gaaactctgt ctcaaaaaaa attaatgata ataatgttac aataataata atgttagtga 120
tacatatcat tttgaaacca gttcttaagc aattaaaaaa aagcagca 168

<210> 27989
<211> 152
<212> DNA
<213> Homo sapiens

<400> 27989
ttaatgcact tawaagggta ttgcactaaa cttgagctct ttgaggacag agaccaggct 60
gtgtgggtctt ccagaggagg acacaatgtg cacagtggat aattgaagaa tgcattgcatt 120
aagaaaatta gtgaaagttg atcggttaagg ac 152

<210> 27990
<211> 378
<212> DNA
<213> Homo sapiens

<400> 27990
cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
cagcccctga caatcaccat tctaccttct agctctgtga atgtcacaag tacatcatta 120
tgtgggatca tacagtattt ttttgtgact ggcttattat acttagcatg atctacgttg 180
tagcaggtgt cagaatttcg ttcctttgaa aggctgaata atattccact gggtttagat 240
acaccacgtt ttgttgacct attcacccat caagggggccc aagttgcttc cacattttag 300
ctacagtga taatgctact agaaacataa gggcacwaag ctgggtctgt gacaccctgc 360
ttttaattct tttgtcac 378

<210> 27991
<211> 405
<212> DNA
<213> Homo sapiens

<400> 27991
gttttgtgga ggagagcagg gcagagatag agaggaatcc tgcctggggc ctcccatcca 60
gccctcccta caaatgccta gtagccactc tgtggggcac atctgtcggc tgggtacaagc 120
cccagtgaac acaggagggc aagagaaacc taaattctga tatgagctgg agagggaaga 180
ttaatctaag agatagatag gtagccacgc actggtgcta agcaatcaac agcaggagag 240
gcagagattg ggatggacaa agggatcatg gaaggctcct tcgagctgga cttgaaggac 300
tggtgagatc tggacacacg caaagagtaa ctgccaacg tgttccccct gccactgcct 360
agacaaagct gatttatcaa nncaggga aa ttgcaataaa ragct 405

<210> 27992
<211> 445
<212> DNA
<213> Homo sapiens

<400> 27992
aaagtttctt ggggacctgt ccggtcggaa agtcgaggga cagttgtctt ggtatttgta 60
aaggggggat ccagtgaggc ggasttgagg gggttgtgtc gagtgaactga tacagctgtc 120
aaccaataaa gdctactatc gctcgcctca ggaaaaccat cacaactcca gctggatgtg 180
cgcataatag tgtaatcact catgattcta ttttgtttta taattcgttc ttgagactag 240
acgtctcgaa agcgaagast ggcactcctc agcctgccac ggacggctcg caggccgata 300
ctgaacanna gtacccttat caaggaggcg tcacccctgg gcaagcctag catcagtcca 360
ttgacaccnd nagtcaccat gatagacgtt ctcccagacc aacagcttcc tttggctcga 420

ggcgggtctt acgtggaggg cctat

445

<210> 27993

<211> 79

<212> DNA

<213> Homo sapiens

<400> 27993

tgattgggaa tttggagtgg tgagccacat tctgattggt ctgggaggtt ttatgcataa	60
atattttttac atgtttttt	79

<210> 27994

<211> 144

<212> DNA

<213> Homo sapiens

<400> 27994

ctctgctctg tggscaggc tggggcacag tggcacaatc tgagctcact gcaaccttca	60
cctcccgggt tcaagcgatt ctctgcctc agcctcccaa gttagctggga ttacaggcgc	120
ccgcccagcc ccaagtctgg tttt	144

<210> 27995

<211> 114

<212> DNA

<213> Homo sapiens

<400> 27995

ctaattctcat tttccctgaa tgccaacttt cttttttttt tcacttttaa aaattgtggt	60
aaaatacwtt aasdtaaaat ttaccatttd agccattttt aggwgcacag tttt	114

<210> 27996

<211> 340

<212> DNA

<213> Homo sapiens

<400> 27996

cttttaagac agaaccgctt caaaaaactcc atgtaccaga aaaactgggt agaaaagtgg	60
aatttgaaac catgtcaaag aaacagatgc acaagtactg ataagtgtc tctaaggamc	120
tttaactcca acattagttg gctctctgat tgcaaggaag ctctacaaga tgcctacagt	180
tgcccttaat grtcttgga cttactctat agtctcctc tcatgggaaa atggagtttt	240
atggagagat caacctggga actgttagat cctctctatg cttggaagat ccttgtaacc	300
catcacagag agcaattcag agaagaaaat ttgcacactc	340

<210> 27997

<211> 407

<212> DNA

<213> Homo sapiens

<400> 27997

ataaaagtga tgggtgtctgc cggcttactc tttctcttgg gtgatctgct ctggggagag	60
ttgtgagtag gcctccagcc cacagccatg tgagtgaccc ttttgaagag tggatcttcc	120
aggscagtc aagccttcag atgactgcag ccccagccaa catcttgga gaccccgagt	180
cagaaacccc cgctaagtca cttccagatc cctaagtctc agaaactgaa garaaaaaaa	240
atgtatgtgg ttttaagccc taagtttggg gggtaatgtt ttatgttgca atagataata	300

tgtctgaata tggtttaact gtggccccac ccaaattctca ccttgaatgg tagctcccak 360
aakkccttca tgttgtggga ggggccagt ggaagataat tcaatca 407

<210> 27998
<211> 186
<212> DNA
<213> Homo sapiens

<400> 27998
caatggttag atgagtgaag gaattaattc agattaataa aaatttggtt ttgtttttga 60
gacggagtct cactgtcgcc aggtggcgt gcagtgggtc gatctctgct cgctgmaasc 120
tgactymccc tggwtcaagc ttttctcctg cctcagcctc ccgagtagca gggattacag 180
gcacgc 186

<210> 27999
<211> 97
<212> DNA
<213> Homo sapiens

<400> 27999
aaaaagattc ttgaagaggt ctgtcccaga cgmatatcgt cctattgcaa catgaccagc 60
ctgcagctct tgccccatgt gtcactttta tacacaa 97

<210> 28000
<211> 116
<212> DNA
<213> Homo sapiens

<400> 28000
atattacgcc tggtaaggc cttcgggtgat acctcatcac tcttgtctcc tcgacctgga 60
ttttaagggt atttcaacta taatggaacc taaccttttc cagctttttt tttttt 116

<210> 28001
<211> 56
<212> DNA
<213> Homo sapiens

<400> 28001
ataagccctt gcagggtgctg tccatctgtc cattcctttt tttttttttt tttttt 56

<210> 28002
<211> 381
<212> DNA
<213> Homo sapiens

<400> 28002
tatttcgagc atctctatca atacatttga atgctgagag cttttccttc cagaagctca 60
tgtcattttc aacacacact tctatttacc tttatgtagt ttctaaaaat tgaraaccag 120
aattggaggt ttttttaaaa aaaaaagaaa gaaaaaacgg tgaaaataat taattaggag 180
ccagggcagt ggctcatgcc tgtartccca gcactttggg aggtctgaggc gggaggatca 240
tttgaggcca ggagtttgag accagtctgg ccaacatggt gaaaccctgt ctctactaaa 300
aatacaacaa gtagccaagt gtggtggcgc atgcctgtan ncccagttac ttgggarsct 360
gaggcacgag aatcacttgc a 381

<210> 28003

<211> 277

<212> DNA

<213> Homo sapiens

<400> 28003

agtggagggg	cggatccctc	caacctgacg	gccaaacgtt	tcctagacgt	tgctcgttact	60
gataagaaac	tacatttccc	agaatgcagt	gagggtagcg	accgggctac	acagtagaaa	120
cagggttttc	accankttgg	ccatgctggg	ctcgaactcc	agaactcaag	tgatccgtcc	180
gcctcgggtct	tccaaactgc	tgggattaca	ggcatgagcc	accgcgcca	gcctttgggg	240
aagttctttt	taccgtccat	catccattac	caccaca			277

<210> 28004

<211> 401

<212> DNA

<213> Homo sapiens

<400> 28004

agttaggctg	ctggggctgt	gggtgccatc	ttgtcacctt	ggaggaagag	cccacctgag	60
aacgacatca	actcagaggg	aagtcagcag	agccaagagg	ccgggagagg	tgattcccgg	120
gtgracawyc	awctggmwcc	tgggtgcagc	catggtagag	ttggcctcga	acgttgtccc	180
tggcatggag	gtgaccagag	gtcaccctca	catgtcagca	gacacctcca	gctgtgtcat	240
tcttgcttct	cggttgcaaa	gtttgtaggg	gtagtattct	cagttggcat	tcctagctga	300
gatgtgtagc	tgggacrnna	ccasgccgca	gggmcvttg	gaccagttct	ggcctccgag	360
gagtcacctta	ctgatgatca	taaggctcct	caaggtcac	a		401

<210> 28005

<211> 109

<212> DNA

<213> Homo sapiens

<400> 28005

aaatcctagg	ggcctggggc	ctgtgctgta	caagggtaga	atcaacctcc	tacaggacca	60
cctacaggac	ccgagctggg	gaggggcggt	ggmtttatgc	tgacaaaac		109

<210> 28006

<211> 71

<212> DNA

<213> Homo sapiens

<400> 28006

agtcagccgt	catgggaggg	ggaactgtgg	ggcgttcgcc	atcttgtctc	cctctcotta	60
cctgcgtcct	c					71

<210> 28007

<211> 238

<212> DNA

<213> Homo sapiens

<400> 28007

gtgggctggc	ctgtctgagg	aggggcattt	gcagtgtctg	agcaagccat	ggaggacagg	60
aattgtctca	gtcagaggaa	cagcaaggac	aaggggcccc	agacggcatg	tactagaggc	120
tccacgcata	gwaanaagcca	gccatcccc	gcgctgtaac	tgagtggcca	gtgggtgggag	180
tctttgtaat	agttaatttt	atgcatcaac	ttgkctggat	cacagtgtgc	ccagatac	238

<210> 28008

<211> 86

<212> DNA

<213> Homo sapiens

<400> 28008

tgca	gtgaca	cagtcabagc	kcgckgcggc	ctcgacctck	cgggcycagg	tgayccttcw	60
ac	tcggcca	ccycagtagc	tggtac				86

<210> 28009

<211> 76

<212> DNA

<213> Homo sapiens

<400> 28009

tagg	gcgcgc	agawnwgrcc	ctgactgggt	gcttgccctg	gmarcggcgc	gaatggcggc	60
tg	cacc	cagc	tgaggt				76

<210> 28010

<211> 221

<212> DNA

<213> Homo sapiens

<400> 28010

agcagc	gacg	gvagcgggtgt	gggcccgc	cat	cttgggcaac	ggatccaacc	tttgaaagcc	60
cacctg	ctga	tctccacct	gaccggmgcc	cgccgtgcat	aggmygatag	ggwgacgtgc		120
ggggtggacg	gactgcggga	catctgaagg	aagggctcaa	ggmgcgccaa	gctcaaagct			180
gggcccgc	ccac	tctagaccgt	ggagggaagc	gcccggggcca	a			221

<210> 28011

<211> 308

<212> DNA

<213> Homo sapiens

<400> 28011

ctttcccctg	ctgagttgga	aattccagtg	cagcactgat	tgaccacagt	tgccaatcta	60	
aaagcaca	aaa	gacagaagta	aagctttatg	ctaattttat	ttcaatatga	tagaaaaatt	120
tatcttggt	a	tgtccttttt	tagataactc	cagcaggaaa	ctgtaactgc	tatgtcttta	180
ggaaaatg	ta	gaagaaagaa	cattattatt	ctttaattcc	tacaaggtag	tcgaaaacct	240
taagtga	aaa	agatttctat	ctttttatct	tagcgcattt	atggaaaaaa	tattaactat	300
cctgagct							308

<210> 28012

<211> 352

<212> DNA

<213> Homo sapiens

<400> 28012

gacgtcataa	agaggtgcag	ggaaaagaca	agatggccta	agaccaagct	ctgaggaact	60
ccgacattta	gaggtcaggt	ggagaacaag	ttgccaaagg	agaaagccgg	craactaaga	120
agaaaatcag	gaggatgcgg	acttctggaa	cccaaaagaa	aagagtgttc	caaaaaagga	180
atgggaaact	gtgctgaagg	ctgcagagac	atgaagcaag	cctgccctga	gaagtgtgca	240
gtggattggg	tagaagccac	tgtagctctg	cctacggcat	ttgcaatggc	ccagatgtct	300

cttccccgtg tgccgacttg gtgtacatcc aatggctgac tgaatatccc ca 352

<210> 28013
<211> 82
<212> DNA
<213> Homo sapiens

<400> 28013
caattctctg catttggtgt ttcagaggas actgcaatac gaaacacctg tgggagtgcc 60
ctctttctgc ttctaggaat ct 82

<210> 28014
<211> 318
<212> DNA
<213> Homo sapiens

<400> 28014
acctaaaggt atgagddgct gggtcattgta gtctagcttt ttgcctggga agaagaggaa 60
aatatattta gacgaacaac cagaaatcta tttctatdct ctggaaragc ttgtataagg 120
tttttttaat tacttgacct attttcttgc tgctggtgct gtcacbwttg gaattggttt 180
ctttgctttg gcatcagctt tgtggttctt gatttgcaaa cgaagagaaa tatttcaaaa 240
ttccaaattt aaagcaattg atgagagatg caggcaaaga ccatcaatgg cgargattaa 300
atctcattct cagtgtgt 318

<210> 28015
<211> 408
<212> DNA
<213> Homo sapiens

<400> 28015
aagaggttac ctcccatcag ccccggcgct ctctcatccc ttctctcttc cttggtgctt 60
ctttttctctg ctcggtgagt ttgtytggtt gtttggtttt kwgacasagt ctcaactttgc 120
ttcccaggct ggagtgcagt ggtgcgatct cagcttactg cagcctccgc ttccgggggtt 180
caagegatcc tctgcctca gcctgccaag tagctgggac taccggcgcw ccaccaccac 240
gcctgggctaa tttttcsaat ktttagtaga gagtsggttt cactatgttg gccaggctgg 300
tctggaacgc ctgacctcaa gtgatccgtc cgcctcggcc ttccaaagtt ctgggattac 360
aggcgtgasc amcgmgcccg gcctgagtga gtcttaatcc gtggcgtg 408

<210> 28016
<211> 349
<212> DNA
<213> Homo sapiens

<400> 28016
cacaatctat ttttctgaac atctgtatgc ttttcgtatt taatttattg tttaaagaat 60
ttttgcgggt tctcttggtt tttaggttac gtaaacagca ttgcattag attcagtgg 120
aatatacagt tgcattataa tatacttact ataaaaagta aaaattattc atgatttttt 180
tgctggtaag tttgagtttt taacttaaat taagttgcct taatttcata aatttcagt 240
caatttctta gcatttttat tgaagtgaag aagctatgta gtcattgtgc cttattttta 300
aattgctctg gtactttcag tagggaatat tattaacatg aacccttag 349

<210> 28017
<211> 171
<212> DNA

<213> Homo sapiens

<400> 28017

atatgtggca	gtgtcatagg	ataatagtgg	agagatgggc	agcagataaa	cacgtgaaca	60
aaggtctctg	gttttcctag	acagaggtcc	ctgtggcctt	ccgcagtgtt	tgtgtccctg	120
ggtacttgag	attagggagt	ggtgatgact	cttaatgagc	atgcagccct	c	171

<210> 28018

<211> 205

<212> DNA

<213> Homo sapiens

<400> 28018

acacaagacg	ccggagcttc	acaagggagc	gaacgagggc	gtttataaga	atggaagtgt	60
tgtttccttg	cccgattcct	tcattgctata	tctcatgaac	ctctgtaatc	ttgggggaga	120
gactatattt	aatgatgaca	aacctgtcac	cagtgtagca	acaacagtgt	gaggacaaaa	180
gcaaataaaa	attaagaagc	gtggt				205

<210> 28019

<211> 186

<212> DNA

<213> Homo sapiens

<400> 28019

acttcttggg	acggctgtag	acattagggg	aaagcagagt	ttaaaggcaa	ggaggcaggg	60
agaatattcc	cagatgtgat	tgaggcagga	aacatacaca	gggtttgggg	aagttgagaa	120
gaatggaagc	tgcattgagg	acaaagaaga	acagaatgtg	cagctcaatg	gggaagtaga	180
ggggcc						186

<210> 28020

<211> 95

<212> DNA

<213> Homo sapiens

<400> 28020

ctatttaaaa	gtaccttttt	gttttaagtg	atagtaaatt	aaacatcttt	tttccattta	60
aatttcttgc	ttttttcttt	tttttttttt	taaaa			95

<210> 28021

<211> 127

<212> DNA

<213> Homo sapiens

<400> 28021

acccacagtg	cccagtcctt	ttccgttact	tcttcttca	gttctcttgg	aaaatgaaaa	60
gaaacatgga	atgtaagtag	ttgtagcttc	ggtgaccctt	gtgttcctcc	acattctttt	120
ttttttt						127

<210> 28022

<211> 145

<212> DNA

<213> Homo sapiens

<400> 28022

agccaggcaa ggtggctcac gcctgtaatc ctagcatttt tggaggctga ggcaggcaga 60
 ttgcttgagc ccaggagttg gagaccagcc taggtaacat ggtgaaaccc catctacaca 120
 cacatacaca cacacacaca cacas 145

<210> 28023
 <211> 209
 <212> DNA
 <213> Homo sapiens

<400> 28023
 agagaagatt tttaaggcgg cttttgtgct gacggccacc caccatcatc taaagaagat 60
 aaacttggca aatgacgtgc aggttcttca aggcagaata attgcagaaa atcttcaaag 120
 gtattcatca aattttttatc tctagcttaa accaaggacc acctgggcac tctatgtcac 180
 ttgaagaggg gaacatttca cggttgggg 209

<210> 28024
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 28024
 actacaacca aattaatcca gcaagctaag gctcagatca ctgtggatat gtccaaatcc 60
 tccatgagac caagctgcag tgaaacagaa tgaaccatgt ctaagaatac ctaaaattgt 120
 gaggaagaat tggaacagaa accagataca tcttagagaa ggctttccac ctgtgcacag 180
 tggaacactt acagtatcct ccacgt 206

<210> 28025
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 28025
 agttggaaga gtactggccc tgggaagacb cagctttgag cctcagggtg tgtctaataca 60
 tctctctgtc cttgggccag tcaactcacc tggtcgtgct gccacagaga cagaggggcc 120
 acatcagaga gaaagactct acagcttgcc cagagtcgag cttaaatgga gcagcatgat 180
 t 181

<210> 28026
 <211> 94
 <212> DNA
 <213> Homo sapiens

<400> 28026
 tagtagagac gaggtttcac cgaattagcc aggatggtct cgatctcctg accttgtgat 60
 ctgcccgcct tggcctccca aagtgctggg atta 94

<210> 28027
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 28027
 gagtgaact ctttctgaaa aaataaagag aacctatctt ctttcaagcc agcctgtcat 60
 gtgtcagaac taaacagtca ttttcttat aatttttttt aaaggcccag ttgctgacct 120

cccattgctg atgcaggaag tctgagccat tcagttaaca ccaaccc 167

<210> 28028

<211> 87

<212> DNA

<213> Homo sapiens

<400> 28028

cctgccccag cctcccaggt agctgggatt acaggcgcat gccaccatgc tcagctaatt 60
ttctaccttt tttttttttt ttttttt 87

<210> 28029

<211> 341

<212> DNA

<213> Homo sapiens

<400> 28029

aaaagatgta gctgtacatg gagatcttgc tgggaaaatc cgcttgctcc cctcacgtcg 60
tccagcccag gagaaccacc gccgtcacc cggagcttcc tcggccaccg cgcagagccc 120
tccgagagcc cgagccgcgg tcttcgagct ccaaggctca ttcagggccc cagatccttg 180
ccccgaaaag agaggatctg agaaaatgga tgcactgaga cctctctgaa aaccctccga 240
gagagcgcgga gaggagcgag gacacgttac tcgcagctaa aatcacattt aaggaccaa 300
acaacaacaa ccaaaaattt cattaaaaca ataagcgcca g 341

<210> 28030

<211> 122

<212> DNA

<213> Homo sapiens

<400> 28030

caataattcc cattaattat tatttagcat tacatgtgtg tacttgtaga cttattttca 60
ttctgttatc ttttaaacct atagatgggt ggtttcttta gcatggtttt tttttttttt 120
tt 122

<210> 28031

<211> 128

<212> DNA

<213> Homo sapiens

<400> 28031

tgatttcctt tgggtagata cacagtagtg ggattgctgg gtgaaatggt agttctgttt 60
ttagttcttt gggaaatgct cattctgttt tccatagagg ttgtactaat ttacattccc 120
accaacac 128

<210> 28032

<211> 146

<212> DNA

<213> Homo sapiens

<400> 28032

atatgctctt tttgcctaaa tggtcataag attttttttc ttcaaataata gtttaatttta 60
ctagaagatt gttggtcatt ctgagttggg atctctagat accatgatat gctctttcaa 120
tatatagttt ccagtctttt tttttt 146

<210> 28033
<211> 178
<212> DNA
<213> Homo sapiens

<400> 28033
accctttttt ggtcaggcat attttactca gtatagttat tttgagattc atccatgtgg 60
tagcatgtgt caccagtttt tgtttttatg tttttcattg ctgagtactg cttcattgaa 120
tagatttggt cattgaccta tcgatggaca cctgggttgt ttccagtttg gggctaata 178

<210> 28034
<211> 389
<212> DNA
<213> Homo sapiens

<400> 28034
caatattgta ttgcctcagg gaatagggag acccatagag agggagagag acaggggaat 60
ggctggtcag tggagcagta agaacacaca taatattgat tgaggaadtw htctatctta 120
catggscgc agattgaggc accgtaaaac aattatagta gtaatatcag agatcgcaga 180
tgactgtcac agatataata atttaaaagt tttaaatatt gtaagratta caaaaatgtg 240
acatagagac acgaaggawg cacatgctgt tggaaaatta tgcttgacat ggtgttgcca 300
caaaactcaat aggtaaaaaa catagtatct gcagaatgtg caataaagt agatgtgcct 360
gtvvsatgaa tcatttatta cgtgtatat 389

<210> 28035
<211> 283
<212> DNA
<213> Homo sapiens

<400> 28035
tgaattccca ccccaaattc gttcctcttt tttaccacct ttgcaaacgc catcaccatt 60
tatccagttt caaaggcgtg gaatcattct tctctcaaat tccacttcta gttcatcagt 120
aaattctgtt ggcgttactc tcgaaatgcc tagtgaatct gaccattttc atatctctat 180
tggttgcccta atccaagcta ccatctgctc ttgtctgcac tcttaacagt aaccttgtaa 240
ctggtctcct tgcttctacc ctctgctcct tccctcgtgc cat 283

<210> 28036
<211> 182
<212> DNA
<213> Homo sapiens

<400> 28036
aaccggtttg ggtctctttc cacactgtgg aggccttgggt ctttcgctct tgctgctgct 60
cactcttttg gtccacgctg cttttatgat ctgtaacact caccgcgaag atctgcagct 120
tcacttctga gccagtgag accacgagcc cactgggagg aacgaacaac tccagatgca 180
cc 182

<210> 28037
<211> 230
<212> DNA
<213> Homo sapiens

<400> 28037
agagagagag agaggagcca ccctgagaag gaagagacca ggtgggctct gagacagggg 60

gaccctttct acgtcgggtgc cttgacatgt gacttttttg tcacttcgwg ctccagggat 120
cacacctgga tgaactatca ctttcaaatg accttgtctt ttctcgggcc ttccgaactg 180
atcatctctt ccttctgata caagaggatc ttccctggaa gaccactgcc 230

<210> 28038
<211> 268
<212> DNA
<213> Homo sapiens

<400> 28038
caaaagtatt tactataaca attgggggtat cctgacctag ctcatatata atgaagtga 60
tttaaataga gagatgctca agcaatagag gaaacctggg caattgttct tcctctttta 120
gggtggagagt aactcatatt tgctagaatg ggaaccacct gttgaggatt acatttccat 180
gacgttttct gaatttaatc cttatgtagg tgatgaaatt cattcctttc aaaatcaaga 240
tgaaccagaa cagtcatttg acccacct 268

<210> 28039
<211> 339
<212> DNA
<213> Homo sapiens

<400> 28039
tttttagtag agatgggggtt tcaccatctt ggccaggctg atcttgaact cctgacctcg 60
tgggtccacc acctcagcct cccaaagtgc tgggattaca ggcgtaagca accgtgctcg 120
gtcagatgtg cttatttcta agctgactdc tttttcttc attcacatta tattgcacag 180
cctcctgctt tttaaaattc tcgttgctgt aagaggtttt tcctctcgga agtccaaggc 240
ctggcctatc tgctgtgaag ccttttcagg gcatttcctt ctgagaaata tagcaggaca 300
gtgcttggca gatgactgtg gggagatttt tttttttt 339

<210> 28040
<211> 264
<212> DNA
<213> Homo sapiens

<400> 28040
agtcccgggc gggccgtcgc gggagagaaa taacatctgc tttgctgccg agctcagagg 60
agacccaga cccctcccgc agccagaggg ctggagcctg ctcagaagggt ggyttgaaag 120
atgccgggag gccgcctct gctgttggca gctgtgttg tgggcctggg gctgctgggtg 180
gtgctgctgc tgcttctgag gcactggggc tggggcctgt gccttatcgg ctggaacgag 240
ttcatcctgc agcccatcca caac 264

<210> 28041
<211> 239
<212> DNA
<213> Homo sapiens

<400> 28041
gaagattcca acttcctggg cagaggggtca tgtagtgga tagagctgta cctggcttca 60
ggcgagactt gggttcactc ctggcgagaa attttacctc tggatgaatc acatcttgaa 120
tctcatgcat ttagataata tttaggatgat atagtttgga tgtcccctcc aaatctcatg 180
ttgagatgta atccccgtgt tgaagggtgg gctgaccgg agacgtttac ctcacgat 239

<210> 28042
<211> 125

<212> DNA

<213> Homo sapiens

<400> 28042

gtggagcgtt taggagtctc aacatgtaaa ggggtggttg agtttcaaag agctgagaaa	60
gaacttgacg agggatggca gagaggtacg aagttcagga aagtgatgtc gtghagccaa	120
gggac	125

<210> 28043

<211> 204

<212> DNA

<213> Homo sapiens

<400> 28043

caactgcaaa tcaaattctt cacattccag ctacagtctt tctttcccca ttgaatctca	60
gtccctggcc atgtggtcaa ggtggctttc tgtaagcta ccctaatttc gggaatggga	120
ggggagagag gagggccatt acaactctgc cttcaagact catctcttaa aaacaaaacg	180
aaacaaaact acaaccacca ctca	204

<210> 28044

<211> 53

<212> DNA

<213> Homo sapiens

<400> 28044

attcttgaga actatagaca agaaatgaga gagaactggg atagtctaag gcc	53
--	----

<210> 28045

<211> 331

<212> DNA

<213> Homo sapiens

<400> 28045

ttgaagaaga gaaaacaaac agagacagct gaggttgcca ttcgaggaac agctggaaga	60
tctgatgggc cagcacaagg acctctggga cttccacatg ccagagcggc tggcaaaagg	120
agatttgtgc cctggacagc agcaaggagc agctgctcaa ggaagagaag ctggtcaagg	180
cgacactgga agacgtgaag catcagctgt gtcacctgtg tggggctgag ggcccccca	240
cccttgatga gggactcttt ctccgcagcc aggaggctgc agccacagtg cagctgtttc	300
aggaagagca caggaaggct gaggagctcc c	331

<210> 28046

<211> 365

<212> DNA

<213> Homo sapiens

<400> 28046

cacttctcaa aaacagcctt tggttacttg gtgcccaggg gtgaggtggc ctttcctgga	60
tttgacagt gtgacctgag cgtgtggata actgtggcca gttgagtggg gggttgtcag	120
tgctgtgtg tgggtggcagg agggctgcct gattgtcagg gctcagatcc cagaagaagc	180
ctggctctca gattcagggc ctgtctctgg ggttcctcgg cgggtgtgga tttctgtctg	240
agccagctcc tgggaactgc ttttccdwcc tccaggaccc tagggagggg gctgtgctca	300
ccctgggaac actgccatgg tcaggatctt gattcctggg tagctgctga gggccccctcg	360
cccc	365

<210> 28047
<211> 450
<212> DNA
<213> Homo sapiens

<400> 28047
gccgcagcca tgaccgtgga gttcgaggag tgcgtcaagg actccccgcg cttcagggcg 60
accattgacg aggtggagac ggacgtggtg gagattgagg ccaaactgga caagctggtg 120
aagctgtgca gtggcatggt ggaagccggt aaggcctacg tcagcaccag caggcttttc 180
gtgagcggcg tccgcgacct gtcccagcag tgccagggcg acaccgtcat ctcggaatgt 240
ctgcaagagg ttcgctgaca gcctacagga ggtggtgaac taccacatga tncgtttga 300
ccaggcccag aggtccgtgc ggcasagctc cagagctttg tcaaagagga tgtgcggaag 360
ttcaaggaga caaagaagca gtttgacaag gtgcgggagg acctggagct gtcctggtg 420
aggaacgccc aggccccgag gaccggcccc 450

<210> 28048
<211> 306
<212> DNA
<213> Homo sapiens

<400> 28048
ctgttttatt tttcttggtg tccagatctg tacattgttg aatttggggt agagggaata 60
agtgtattag catgtatgtg tttatgtatt tagagaccat gtcttgttct gttgcccagg 120
cagtagtgca gtggtatgat tttggctcac tgcaacctcc acctcccggc ttatgccatc 180
ctccacttc agcctcctga gtagctgaga ctacaggcgc atgccaccat gccgggctaa 240
tttttatgtt tttttttag aggtgggggt tcaactgtga gctttcattt taaatgactc 300
agtttt 306

<210> 28049
<211> 289
<212> DNA
<213> Homo sapiens

<400> 28049
gtgcctctcc agccgcgcgc ccgccctggg ccgctagcga acctttgcgt ccttctggct 60
ccagggaataa gttcgtgtt tctccgcctt ttggcmaaga tcaaggatar tatggagcgg 120
ggacgagggg tggggggmaa agttcgcggt tcaactggcag aaaacgcctc tgatcgcggtg 180
ttgcgttttk gttgttgtk gttgtbgaac ttctggagca ktcagtgggt ctgataacgc 240
tcctcagtc tctgctggtg accatcaggg ctaggcgctt ctcctgccc 289

<210> 28050
<211> 294
<212> DNA
<213> Homo sapiens

<400> 28050
ttttgtcttc tgtttkaaaa tgtatattcct cccagtagag tgcacttggt aggtcctttt 60
taccttagtt ttattagcat aataacttgc tgggtgtcaa aattcccaag ttaaaaaacta 120
acgagttact gtaaatttta ttcttttgtc tgattggaag gatattaaga atactgactg 180
cctgatggag gagtggaaact aggttcagggt tactctatgt acttctcctt ctctgatagc 240
tgctgattat attcagtgct atgttttctc agcagttgga ataactctgcc tcaa 294

<210> 28051
<211> 140

<212> DNA

<213> Homo sapiens

<400> 28051

agcaaggaag agtttgctgg cagaatgttg caggtgtcac accttggatt caccatagct	60
ggctgaaact agcagcagca gtgactcccg actatgacca gtggattaac caacaagacc	120
ctgattgccc caccgaata	140

<210> 28052

<211> 414

<212> DNA

<213> Homo sapiens

<400> 28052

agtacagttc ctctkctcct tatcttagta aaagaaggcc tccttagcct cagactttca	60
tatatattggc tgcaagagag atatgagggg atagagagcg agaagaggtg aactttgggg	120
aatgtattgt tcatgaagag agactatgtc cccccaacct gctcccagag ggggaaggga	180
gaggggtcca tgatttctcc tcttaaggta atcacctgtg aagcttagdg atgacttcaa	240
gagggagagg tgagagagat ttattagcat tagactgttt taattcaa atgccttctc	300
atttttaaga taactattaa acngaagcag aacaaaatgt agactttcaa aaccaraaag	360
gtaatagaca atatttgata aatataacaa acaggagaaa atgagtgaaa aaga	414

<210> 28053

<211> 326

<212> DNA

<213> Homo sapiens

<400> 28053

tggctcattg cagcttcaac ctctgggct caagctatcc tcccacctca gcctcctgag	60
tagctgggac tacaggtgtg ggccaccaca cccagctatt ttgtttcaa ttaaaaaaaaa	120
maattttttt ttttagagat gggybtact atgttgcbca ggctgggtctc aagcaatcct	180
tccaccttgg cctcccaaag tgctgggatt acawktgtga gccaccatgc ctggccaaaa	240
acttgatttg tatgtgatat gaawdtacgc tgatmataca catatttagg tctttaaaga	300
gttttgcttt ttaattttca gatttc	326

<210> 28054

<211> 107

<212> DNA

<213> Homo sapiens

<400> 28054

cccaaattst tctcatcttg gaaaactgaa actctatagc tattaaactt cccattcccc	60
cagcccctga caatcaccat tctaccttct agctctgtga atgtcac	107

<210> 28055

<211> 114

<212> DNA

<213> Homo sapiens

<400> 28055

cttttctttt gcatttcttc tccgcgtatt tcccctcttc tcagcccttt cttaccgccc	60
aactccttct ttatcaccat ctatgccctc cccatcccc tcagcctctt cgga	114

<210> 28056

<211> 85
<212> DNA
<213> Homo sapiens

<400> 28056
aatggctgag gaatgcccc gagcgtgcgc ggascctgtgg cgcccaaggc cacggccccg 60
ccggagagga ccagcgacta ctacc 85

<210> 28057
<211> 420
<212> DNA
<213> Homo sapiens

<400> 28057
aatgtcctag ttagacacag gacctgctgg gccacagaaa ggaggctctg ggtagacgca 60
ctagattact ggataaatca cttcaatttc ccaatgaatt ttatatkgtd watktttata 120
ccctggagtt ttttcctkaa aaaagtagca ctttgaagcc tactattgaa gcattgccta 180
atgtgctacc tttaaatgaa gatgttaata agcaggaaga aaagaatgaa gatcatactc 240
ccaattatgc tcctgctaata gagaaaaatg gcaattatta taaagatata aaacaatatg 300
tggttcacaac acaaaatcca aatggcactg agtctgaaat atctgtwnna gccacaactg 360
acctgaattt tgctctaaaa aacgataaaa ctgtcaatgc aactacatat gaaaaatcca 420

<210> 28058
<211> 180
<212> DNA
<213> Homo sapiens

<400> 28058
gtgacctttc aaagctgcc aagtgggcaag cttccagcag cagtctggga gcgagcgaca 60
gagccaccaa gctgggcggc agggcattga gcctcgcgtt tcaatttctg ttcagttctc 120
ctgtaatgga aaattgcttt gcacaaagct aaagtgttac agttctttcc agcgcccctc 180

<210> 28059
<211> 107
<212> DNA
<213> Homo sapiens

<400> 28059
gacacaagtt actccatttt gattctaaca actttttcac aaactatgta tgtattttgga 60
attattttcaa agttgtatgm catatacaat atgtagtctt ttttttt 107

<210> 28060
<211> 174
<212> DNA
<213> Homo sapiens

<400> 28060
aagattttctg aagggwatct ggcaatgtgt atcaagaaac aacaacaaaa aattataccc 60
tttgaaccag tttggggcag gaatgtatac ataagtctgg aacatcttgc camaccagra 120
sacaaaggat cakctgttag cgatgacaac agaaggatca tctcagaagg accc 174

<210> 28061
<211> 61
<212> DNA

<213> Homo sapiens

<400> 28061

atatattata tctctattta aataaatgtc ccagggtgatt ctgtagttgc agcagggtgtt 60
t 61

<210> 28062

<211> 97

<212> DNA

<213> Homo sapiens

<400> 28062

actgggaggg cacaggcgct tgcgagtagg gtggccgctc ccggccgctg gcagcgcgaa 60
acgtcggcgc aggcgccaag gctctggcag ttggcca 97

<210> 28063

<211> 156

<212> DNA

<213> Homo sapiens

<400> 28063

agagaggatt cctacatgga gtgggagact gaaataataa cctcaaagat gccttccaat 60
cagaagattt ggtgattctt tctgagttat caaactgcct tcctttgacc ttgctcacat 120
gtagaaatcc aagtcagcgc agttaacttg gactcc 156

<210> 28064

<211> 247

<212> DNA

<213> Homo sapiens

<400> 28064

agatgttttg gcttcaagge atcattggca gattactcct gaagaaagac aagttcagga 60
tatgctggtt tcagcttttg acaaagtatt aatccaagac aagaacatag atggcgccctt 120
tttgccctgt tgaccctttg ccacctgctc cctccaggag agaacccttg tggtgaaaca 180
gctaattggtt cacatccttt gncaccacct gatgtgcttc agaaaactac tcatttgagc 240
gacaact 247

<210> 28065

<211> 57

<212> DNA

<213> Homo sapiens

<400> 28065

tgggacagga gggggctccw tcwccagatg akgwccctgg agggggcagg aggtacc 57

<210> 28066

<211> 315

<212> DNA

<213> Homo sapiens

<400> 28066

agttgctctt tggagcacc ccttcaactt tccatgtag ttctgagtg caggactctc 60
ctgaagaagg ggcgtctaaa aggccagccc atgcatcttg ttcagaccag gctgctccaw 120
ctccgctaag cccagggatc cacttaacct cgtcgcgaca tttctcagaa gccatgacat 180

gtccctgcgg ctggaggcct ttcaagggtg gcccaggagg cctcaagggc ccggtgtggc 240
 ctgcaaagga agagaacagc tgttctcacg gaaggatcca aagggttcaa aggcgaaggg 300
 tgccatctgc ttccc 315

<210> 28067
 <211> 141
 <212> DNA
 <213> Homo sapiens

<400> 28067
 tataaataat tktttwcct tttttgtgat ggaatctcac tctgttgcca ggctrragcg 60
 ccatggtgca acctcagcct cctgggttca agttaktctc ctgcctcagc ctcccaaata 120
 gctgggacta caggcmgtgtg c 141

<210> 28068
 <211> 205
 <212> DNA
 <213> Homo sapiens

<400> 28068
 gggtcaagtg attcttctgc ctccagcctcc caagtagctg ggactacagg catgcgccac 60
 catgcccagt taattttgta ttttttagtag atacgggggt tgcctatatt ggccaggctg 120
 gtcttgaact cctgacctcg tgatccacct gcctcggcct cccaaagtga tgggattaca 180
 ggtgtgagcc tccgtgcccc gccca 205

<210> 28069
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 28069
 aatagattct acccgtaaat ggaaagagtg gcaaagcatt tgtgaccatc tttaatctac 60
 tacaaatatt cctccatct gttgaatctg gattaatctt cctaaaatat tagtttttat 120
 cataamatat gatggctcct tatttagtat aggtaaaaag tgtaagtgc ttaagcctaa 180
 gtttgaaggt ctcttcattt taggttttaa catgcatttc taaactttat ccacttcttt 240
 tccctcagcc 250

<210> 28070
 <211> 195
 <212> DNA
 <213> Homo sapiens

<400> 28070
 ttttgtcttt tcagtagtga tgggggtttt ccatgttggc caggctggtc ttgaactgct 60
 gcctcaagt atccaccggc cttggcctcc ctaagtgtg ggttacagg tgtgagccac 120
 tgtgctggc ctgtatwttc tttaaagtgt taccctgatt ctaacaacgt acttctttga 180
 gaactaccgg ccacc 195

<210> 28071
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 28071

acggttggtgc ctttccatgt ttagtgcttc cttcaggagc tcttwwaggg caggtctggt 60
ggtgwcaaaa tc 72

<210> 28072
<211> 399
<212> DNA
<213> Homo sapiens

<400> 28072
tattttattta tttattaaac ttccttggtta aaaactaaga cacacacctt agtctggggc 60
tacacagggt cagtagaacc ccatcactgt cttccacttc cactcttggt ccactagaag 120
gtcttcagag gcaaaaacag gcatggagct ggcagctcct atgaggataa tgccttctta 180
cagatacctc ctgaagaagc tgcccggggc tattggcagt taacttttta aaaatatgta 240
agtagaagga acacagtcta aaataatgat aaatagtata gtgaacacat aaaccagtaa 300
catcgttggt tgtcaccacc gtcaagcatt acgtgctgta attatgtgct agactttcat 360
actcccagca gcccgagcagg ttactttaca ccagcatct 399

<210> 28073
<211> 252
<212> DNA
<213> Homo sapiens

<400> 28073
agattacgtg aagtatctct tcatatgttt attgaccatt tgtttgctct tcaatgaaat 60
gccatttgt ggtcgggtgc ggtggctcac gcctgtagtc ccagcacttt gggaagccga 120
ggtgggcaga tcacgaggtc aggagatcga gaccatcctg gctaacacgg tgaaacccca 180
tctctactga aaaatggaaa aaattagccg ggcgtggtgg cgggcacctg tgggtccggc 240
tactcggggg gc 252

<210> 28074
<211> 331
<212> DNA
<213> Homo sapiens

<400> 28074
actgcctctg acctctctat ggcaagccaa atggccatgg gaagacccca tggagtgtca 60
gaatgatgcc gttgagggca aggatttttag accggtcatg gattctgcct gtgcactggg 120
ctctaccact ttctagctat ctggctacta gcaagttacc ttaacartct aagtttcaac 180
ctccccattc gtgaaatgga gatgatgtct tagtcataga agtagcaagt ctactgcata 240
tcaacagtgt agcactgagc ctggctcttt gtaagtgttc aataaggaaa caggccgaga 300
gacgcaagtc aaacagcaaa ggatggctctg c 331

<210> 28075
<211> 363
<212> DNA
<213> Homo sapiens

<400> 28075
cttttcagat gagcaaggca aagaaggagc cttctaacat tccttggatg gaacattttt 60
gacattttcc catttacagc tacttatatt ttctacaagt gtcactgtga ccaacttatg 120
tacacatact ttttcttgct tagttataat aatctgttct taaagaaaat gtcagtctct 180
acattctatg ctgactgtta aggaaagagc acccacatct gtcctactt agcttttttt 240
ctgtggttct tacacagtat tccttttttt cttttcttga aagagactcc tcctttcttt 300
tcttttcttg aaagagtttt aaacagataa gatggcaaaa gtgactgrnn tctactcccc 360

ccc

363

<210> 28076

<211> 395

<212> DNA

<213> Homo sapiens

<400> 28076

tatttgatgg	gaagaagtca	aagatgacta	aatgtgccag	cttgaagaga	ccttataaat	60
gaggaagatg	taaaccatt	tatgccgga	gctgcaaatt	ttttgtgaa	aaatcaracc	120
ttggtgatga	cctcgagcag	tgtatataaa	taactccac	cagcctagcg	ttccaataat	180
ggaacactag	gcataaatga	gttaattgag	atagtaaata	taggactagg	gagagtgggt	240
gggaaggng	gtaagataga	gtttgtgaat	atttgaggac	tgggtgacac	atatgcagra	300
atgcatatct	gagacttaga	aaagttaggc	tngagatagg	gattaagaaa	atcacaccaa	360
actagaagat	gggtttcac	catgttgcc	aggat			395

<210> 28077

<211> 240

<212> DNA

<213> Homo sapiens

<400> 28077

cagtgatgat	gacctttttg	ttcttgcca	cataaatgtc	ttcttttgag	aagtgtctgt	60
gcatatcggt	tgcccgcttt	tttgatggg	ttgtttgatt	ttttcttgt	aaatttgktt	120
taagttwct	gtagattytg	gatattagcc	ctttgtcaga	tggataggga	cgaggctttt	180
ttaattttta	atgtaacttg	aggaggaact	aactagagaa	tactagaatt	aragagggac	240

<210> 28078

<211> 115

<212> DNA

<213> Homo sapiens

<400> 28078

actagcattt	catgttttta	tctctctcta	ctgcattctg	ggtagtttat	gccatgataa	60
tttattcagc	tctctctgct	ggatttatta	ttttcttttt	agttgtgttt	aatct	115

<210> 28079

<211> 135

<212> DNA

<213> Homo sapiens

<400> 28079

ttcagtcct	aaaaaatgaa	atggaaaaaa	gtgggtgctaa	atcgagtcag	agatattaca	60
ggagagtttt	agagcttatt	atttctgtg	gccagtgcct	gtcctggcag	taaggctctc	120
ccctgtaaca	agcca					135

<210> 28080

<211> 189

<212> DNA

<213> Homo sapiens

<400> 28080

acccctggag	aaagggaagt	acatattgga	gactgcagtg	gaagatggta	gaaaagaagt	60
gaatcagcaa	cttatgaggc	aatgcatta	aaagcaaat	acccaagtgg	tawatttkt	120

agctcattct ctttaagtgt acatcttact gcttgttttg tattgctagt tcattctttt 180
 tttttttt 189

<210> 28081
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 28081
 agaccgaaga aggtttggtg gatagcagaa cctttttgtc tccctctgat tgctcctaag 60
 cctcacgctc ccttgccccg cgtgtcc 87

<210> 28082
 <211> 102
 <212> DNA
 <213> Homo sapiens

<400> 28082
 gttcaggcat gtgttatagt gcttttggtc gtgagtttga tattaatcaa caatatatag 60
 taaataagag gccaggcatg gtggctcatt cgtgtgatcc ca 102

<210> 28083
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 28083
 actcgcgcc cctccctgcc ccttctcagc cgcgcctcca ggaggacgc ctcccttcta 60
 agtccccggc cctccccgcc aacggtcacc gggattcctg gaagagacgg ggatttgggg 120
 gaaacggaga kggttctgcg asgagac 147

<210> 28084
 <211> 98
 <212> DNA
 <213> Homo sapiens

<400> 28084
 ctggtatata gtaaagatgc tagtcaacag taaaattacc aaatgggtga gctagaagaa 60
 agactgacac agagtgaata ttcagctatc actctgta 98

<210> 28085
 <211> 247
 <212> DNA
 <213> Homo sapiens

<400> 28085
 tctgtcaatt ccacacaatc cttctacctc tgctatgctg aaccctcat tcaccctgca 60
 cctgccaaact gcaaaatatt gtctgaaaga atctttcaca tgttcctgct tcctatggst 120
 gcaggaaaag gagaaaatgt gattgcatgt ggtagttgtg gtgatagacg tttagacagg 180
 acaggttaat ttagcggatt gtggacttaa gattcaacct ctatctggag aggtgaaaac 240
 acaaaga 247

<210> 28086
 <211> 104

<212> DNA

<213> Homo sapiens

<400> 28086

gcttcttccc agcgcgagtt gctgctaacg ctctctctcc agcttcccac ccccgccgcc	60
cgchgmgygc cggtagcaac gggtaggtctc gccgagggag ctgt	104

<210> 28087

<211> 330

<212> DNA

<213> Homo sapiens

<400> 28087

tcttccttaa aaaggaaata cagtgatttg agctagatga atccagctac attttacttt	60
tttttttgag accgagtcctc attctgttgc ccagggtgga atgcagtggt gcaatctcgg	120
cttactgsaa tctccacctc ctgggggtcaa gtgattcttg tgccctcccag gtagctgggn	180
actataggca ccaccacacc cggctaattt ttgggtgttt tkgtttggtt gttttgwatt	240
tttagtagag acgggggttyc accatgttgg ccgggctggc tgcaaaactcc tgacctcagg	300
tgatcagccc gctcagcct cccaaagtgc	330

<210> 28088

<211> 233

<212> DNA

<213> Homo sapiens

<400> 28088

cacttgcca gaaccgtggg tcttcatgaa ataagagatt tcatttggtt tttgttttgg	60
tttgcatcct ctctaacttt aggtagaaat tgctgttagg gcaatcacct acctcactat	120
attccactct ctcttctgga tattggtgct cagccctttt ttgaaccgca aaccttabwa	180
ataaaatagt ttctattctt tgagcgttcc tcttctcact gccacccca cga	233

<210> 28089

<211> 234

<212> DNA

<213> Homo sapiens

<400> 28089

tgaatcctga agatggaaat gtagcttaat gacctccttg tcctggagtc tcccttaata	60
cagtagagac ggggtttccc catcttgccc aggtggtct tgaactcctg acctcatgat	120
ccacctgcct agcctcccga aatgctggga ttacaggcgt gagchaccgc accggcctct	180
tctgtatgtc gtagagaagc cttagtacac aatgaaatgt ttcatcatta ctaa	234

<210> 28090

<211> 309

<212> DNA

<213> Homo sapiens

<400> 28090

cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc	60
cagcccctga caatcacctt tctaccttct agctctgtga atgtcacaag tayatcatta	120
tgtgggatca wacagtattt tttgtgact ggcttattat acttagcatg atctacgttg	180
tagcaggtgt cagaatttcg ttcctttgaa aggtgaata atattccact gggtttagat	240
acaccacgtt ttgttgacct attcacccat caagggrycc aagttgcttc cacattttag	300
ckacagtga	309

<210> 28091
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 28091
 agactgtggc tattttaaca ccagtgcgt catatcccat tgatgcctta aggacacgat 60
 gagagaagtt tcttctttga acatcacaca aagcsmata catcagcagw ctgagcatmc 120
 agagggcatg mrgtmtactc actctttggg cagaagaggm caggact 167

<210> 28092
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 28092
 gratgacctt gtttgttctt ttttgcacag tatgatttgt agtcatctta cctgatacaa 60
 atatagctat tctgtctctt tttaaagttt ccgattgcat ggaatatctt ctc 113

<210> 28093
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 28093
 ccagaaaaga atttgyycat ccctagactc tggaacatga cactgactac ccttatgtaa 60
 ctcccagcct gtgagtctca agcctgtgac tctaaacctt gatcakgtgc ctccctctgg 120
 tctttgcccc agca 134

<210> 28094
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 28094
 agattacgtg aagtatctct tcatatgttt attgaccatt tgtttgctct tcaatgaaat 60
 gccatttgt ggtcggtgac ggtggctcac gcctgtagtc ccagcacttt gggaagccga 120
 ggtgggcaga tcacgaggtc aggagatcga gaccatcctg gctaacacgg tgaaacccca 180
 tctctactga naaatggaam aaattagccg ggcgtggtgg cgggcacctg tgggtcccgcc 240
 tactcggggg gc 252

<210> 28095
 <211> 389
 <212> DNA
 <213> Homo sapiens

<400> 28095
 tcatttaact ttttaattgtc tctcaagtga caattacgct ttgaatgatg ggtcaaatga 60
 tgttatttat tacaacacta ggaacctgtt tagtcaaag gagaaagctac ttttcaaaag 120
 atgggctttg aaattaatgt ctagttttgc atgtggcntg gttaatatct atttgggctg 180
 ctttaacaag cactgggtag cttaaaaaaca acagaacttt atttctcaca gttctggaga 240
 ctgggaagtc caagatcaag atgccagtat attcagtttc tggtttgggc ttattccaca 300
 tagccagtgt tttcttgctg tgttcccaca tgatggaagg ggcaaacaag ctcttttagcc 360

tcttttataa gggcactaat ctcattcat 389

<210> 28096
<211> 57
<212> DNA
<213> Homo sapiens

<400> 28096
tttgttctag tgctttcaag agcaagtaca tcaaatgta gaaggtaaaa tgtatgc 57

<210> 28097
<211> 415
<212> DNA
<213> Homo sapiens

<400> 28097
attccaagaa gagagawaag caaggttact ctgtagatcg acacacagat atggacagaa 60
tattcaacat tgattctgga aatggttcga tttttacatc gaaacttctt gaccgagaaa 120
cactgctatg gcacaacatt acagtgatag caacagagat caataatcca aagcaaagta 180
gtcagagtacc tctatatatt aaagttctag atgtcaatga caacgcccc gaatttgctg 240
agttytatga aacttttgtc tgtgaaaaag caaaggcaga tcagttgatt cagaccctg 300
catgctgttg acaaggatga cccttatagt ggacaccaat tttcgttttc cttggccct 360
gaagcagcca rtggctcaaa ctttaccatt caaagacaac aaagaccaac acggc 415

<210> 28098
<211> 188
<212> DNA
<213> Homo sapiens

<400> 28098
gcttgtcctt gaggtktact gtgtttggca tcgcagttcc gacggcagcc gccgtttcgc 60
gaccacggc ggacttgcat aaacactttc tagttggaat ctaccctgt gaggtgggca 120
aggtagtgat attcctgttt gacgccgaca gaaataagag agattgactc tcagaaccat 180
gtggcggt 188

<210> 28099
<211> 157
<212> DNA
<213> Homo sapiens

<400> 28099
ctcttcacgg agccgcgcgg ctgcgggggc gcaaataggg tcaactgggc gcttggcggt 60
gtcgttgccg taccaggtcc gcgtgagggg ttcgggggtt ctgggcasgc acaatggccg 120
tctcgagcag gcccgcgagc ggccgracc gacggca 157

<210> 28100
<211> 417
<212> DNA
<213> Homo sapiens

<400> 28100
tatttaatgg ctgttacatg tcaggtgctc aattaatatt tgctgaatga atgaatgaag 60
atatatagat atgtaatddt tattgtagaa tattcttgga tattttacaa gtttwwtttt 120
tccttcaaca tgggtacctg ggtagttgct aatnatgttt gtttgggtatt gtattaacag 180

ctttattgag atatawtica tatcccctac aggttaccca tttattttatt tactttataac 240
aatgacacaa tcatgcagcc tcctgctgtg gtgactacag tcgtgcacca ccatgcccag 300
caaattcbgc agttttttgt agagatgggg tctcactata atgcccaggc tggtttcgaa 360
cacctgggct taaatgatcc tcccactagg gcctgacaaa aaggcagata aatagga 417

<210> 28101
<211> 91
<212> DNA
<213> Homo sapiens

<400> 28101
ccaaatgccc agagtaacct gatatatattt tcttcttact ttcttttttt tctttttctt 60
tttctttttt ttttcttttt tttttttttt t 91

<210> 28102
<211> 217
<212> DNA
<213> Homo sapiens

<400> 28102
agaaggggaa gggccagggg gccgttaacc cccgaggctc cgtgccgggt ctcacctggc 60
tgaatgtcgg cttgtttgtg agccgggagc accggtcccc gtgccggcag accccgatct 120
taaagtaaam agagcagtta accctggaag aggtgcaaag acaaagggga accgagggcc 180
ggggaagctg ggcaccccag aaacaccgcc ccaccat 217

<210> 28103
<211> 390
<212> DNA
<213> Homo sapiens

<400> 28103
tctgtgaata tttaaataat gtaattaagg atttactgct ctgcccttct cttaagactt 60
actctgctat tcataatgaa ggaaagatag aagaaaaata actttataaa traattttat 120
tcagaaacag aaattttgct ttttgaagat tctgttaaaa agtcgatctt tagaattagc 180
agtatctttc aaattttaaga tcccagctta caacaagcac gttttcattt tgaagagttt 240
ttggcagaga aaaaagatat gggaaacaac tgggtataaga taggmgaana agttaaaata 300
tattacattt acagtaaata aaccgaacct ttcttctttc ttggagaagc cttttaaaaa 360
aattgcctaa ttctcaagtg agatgggtgt 390

<210> 28104
<211> 59
<212> DNA
<213> Homo sapiens

<400> 28104
aatatttcat tttgaaacca tagtgaatca catttgatat ctctcttttt tttttttt 59

<210> 28105
<211> 419
<212> DNA
<213> Homo sapiens

<400> 28105
cagcactatt gtatccctag agtctgggtgc ctagtcagta ctcaataaat attgcatatt 60

taatgcaaaa	ataccagca	acaggtaatg	ctgtctattg	atgggtgccta	cmcccaagaa	120
aaaggtaaaa	ccaggatfff	tatccttcta	gaagtggatt	ttctatgcag	ttaatgaatt	180
taaacttaca	ggcccttac	ttgcatgaac	tcctttakag	accctggaag	aggccttagt	240
gatatftrta	catggttaca	ttttttcatg	ttgcaaaaat	aaaatacttt	aatcaaaaatt	300
aagactcttg	ttttccgtct	gagttcata	ttccctctct	ggagcggcgt	tggagtggct	360
gtggatgttt	tggtgatctg	tttcaggraa	agcaragttg	ggagtatat	ttatatftr	419

<210> 28106
 <211> 143
 <212> DNA
 <213> Homo sapiens

<400> 28106	
aaaagattgg	atcttctgag
aaaactttgt	gatcttgaac
actcttgga	ctgtacaccc
aca	
	60
	120
	143

<210> 28107
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 28107	
aagtcttaaa	caatcctcct
atttcttaat	tttagcatcg
agttctggca	tttttgtrta
atagtcctc	cc
	60
	120
	152

<210> 28108
 <211> 79
 <212> DNA
 <213> Homo sapiens

<400> 28108	
ttttgtatft	ttagtagaga
gacctcgtga	tcgcccgc
	60
	79

<210> 28109
 <211> 80
 <212> DNA
 <213> Homo sapiens

<400> 28109	
agatgagagt	ggggayttgg
atgacttagg	taactgcca
	60
	80

<210> 28110
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 28110	
tgtrgtcagt	tttctgtctg
ctatfttcaaa	agtctftttt
tttttttttt	tttt
	54

<210> 28111

<211> 408
 <212> DNA
 <213> Homo sapiens

<400> 28111
 agcttcttgg cgcacaagac tatcagtcac accaatagcg cttcgagttg agcctcggcg 60
 caccgctgcc tctccctccg cacgtcctgc ccgccagac tgtcttcccc ctttcgaggg 120
 gctggagctc ttttgtgcta tgaagcaaca gcctcaagat tcagagctgt tgccttccat 180
 aactggaagt ggcttctgat gaggaacatg gtgtgtaagc tgcaagaggg ctgagaggag 240
 acgctagtgt tcattgagac agggactgca aggggagttg tgggctttaa aggctgcagc 300
 tcgtcttcgt cttacnctgc gcaaactctc taccttgttt cccaccccg agtgtccatt 360
 gcctcctaca gtcgctctg ccggtcttat ctctgcaaca acctcacc 408

<210> 28112
 <211> 240
 <212> DNA
 <213> Homo sapiens

<400> 28112
 caaatgaaga aattaaggca caagacagtt aagtaatttg cctaagatta tacagttgct 60
 gggcgcggtg gctcgcgctt gtaatcccag cactttggga ggccaaggcg ggtggrnnac 120
 ctgaggttgg gagttcagga ccagcctgac caatatggag aaaccccatc tctgctaaga 180
 atacaaaatt agctgggcgt ggtagtgcac gcctgtaatc ccagctactc gggaggcaga 240

<210> 28113
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 28113
 cttcaggtca cagagattat ckcttatgtt thctkctgga aatkttacag ttttggttct 60
 tatgttttag tctataatct attttgatat gtgggatgag ttaagggt 108

<210> 28114
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 28114
 aacaatctgg tattgtggaa attttcttag tttttgtctt ttaattgtta attaaactgtt 60
 gaaatatact atagcaaatg aaggaacgaa caaaaacaaa gatacttga ctcaatttaa 120
 ttcaacaaac atttattgcc tgtggataag gccatatatt gtaggtagat aaaaaataaa 180
 tgacattagc tgccttata aagatatctt tatatatcat atatctttga agatatgttt 240
 acgtatcata cacacacaca cacacacaca tatacagtat acctttgaac aacatgggtt 300
 tgaacctgaa attttttgaa gaattgcmrc aaattgaaan wnntcaacag atgaacccta 360
 taagcctaga aataccaact 380

<210> 28115
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 28115
 agacggagtg tgggcatcg tccccagtgg tgaccagccc tgccatggga aactatagtt 60

cccacaaaag gaccaaagca cccaagcagg cccgcaagga gaggccggct tgaacatgga 120
caaggccc 128

<210> 28116
<211> 188
<212> DNA
<213> Homo sapiens

<400> 28116
tattagctaa gctagagaaa gataagtaat ttagtatatt gatttttmaa ttttgmyatc 60
acttaagtat ttgatgttta ttttgatat ttatcaaatt cttaagttaa aaactactta 120
ttccytaagt taagaaattt ataatcacag tttatktttt yracttgtac ttcttgtact 180
tcctaatt 188

<210> 28117
<211> 51
<212> DNA
<213> Homo sapiens

<400> 28117
tacaactgaa gatathmaag ctgmttttgc accatttgga agmatatcag a 51

<210> 28118
<211> 365
<212> DNA
<213> Homo sapiens

<400> 28118
gacagcccct ctgatgagga ggccactggg ctgagaccaa tgaatgagat ggagccagcc 60
acgtggtgag ccagaagagg gcatcacagg tccatgaaat gggctcccga agtcramct 120
cacagacccc ataaggaaaa gcagatggaa tctccaaggg caccagctat acatggtggt 180
ggaaggacca acgawgckc tgaatgccac tgcggaccac aggcctttct ctgtccctca 240
cgamctggcc tcaccccgct ctgggctctg cagaactggt gcatggctct gcaggggggtg 300
aaccatggc tctgcccctt ttctgattga kgaagctgmt tggcctttct gwgctctcagc 360
tgatc 365

<210> 28119
<211> 127
<212> DNA
<213> Homo sapiens

<400> 28119
aaaataatgt tgtaatgccg ggcacgggtg ctcacacctg taatctcagc actttgggtg 60
gccaaggagg gcagatcacc tgaggtcagg ggttcgggag cagcctggcc caacatgatg 120
aaacca 127

<210> 28120
<211> 98
<212> DNA
<213> Homo sapiens

<400> 28120
cttgatctcc tgagctcgtg atctgcccgc ctcggcctcc caaagtgctg ggattacagg 60
tgtgagccam cgcgcccagc caagaataaa atactctt 98

<210> 28121

<211> 125

<212> DNA

<213> Homo sapiens

<400> 28121

ggtttccttc	acttkkaaaa	ccaccctata	aattcccata	ttttttaaaag	gccctactta	60
tttgataattt	gtattcttag	gtcttcacag	ccaaccctct	ttaagctaag	attcacctct	120
ctgta						125

<210> 28122

<211> 249

<212> DNA

<213> Homo sapiens

<400> 28122

cttcccccaa	raaacawcaa	caacavraca	aaaacccaaa	aggaaaatgt	agcatgttgg	60
ctaaaactgg	agcaaagtgc	actaaaacaa	tttcctgaac	tcacctgttg	taactattca	120
ccttttaaac	cataaattgc	tcttttagcca	tttgtagtgc	agtaaagtgt	acaggaaaag	180
acttggcaca	ttttcttcca	aattttaaga	ggtgattttc	aaaagcttta	ttgggggatg	240
ttgtcagac						249

<210> 28123

<211> 404

<212> DNA

<213> Homo sapiens

<400> 28123

cttttactat	ggacagbdta	aaggagaagg	gcagccggaa	cagaagactc	acaccacctt	60
taaatgcctc	agctgcgtga	aagttctaaa	aaatgttaag	tttatgaatc	acgtgaagca	120
tcatttgga	tttgagaagc	agaggaacga	cagctgggaa	aaccacacca	cctgccagca	180
ctgccaccgg	cagtttbcca	ctcccttcca	gctacagtgt	cacatcgaaa	atgtccacac	240
tgcccaggag	ccctctactg	tctgtaaaat	ctgtgaattg	tcatttgaaa	cagatcahvg	300
tcctcttaca	acacatgaag	gwccatcata	agcctggcga	aatgccctaa	tgtgtgccag	360
gtttgccatt	ataaratcgt	cggctctttgc	tgatgtagaa	acac		404

<210> 28124

<211> 220

<212> DNA

<213> Homo sapiens

<400> 28124

ttgcagggtc	agttaagaaa	aatttttttt	gagttataag	gttctttttt	aaaaacagta	60
tcttgctgtc	acctaccctg	gagtgcaata	gcrmaatcct	aatgaactgc	agccttaa	120
tcctgagttt	gwvatcctmc	ccamckcagc	ccttygggtg	mcaagactac	aggcacatca	180
ccacrmctgg	ctcatttgag	aaatattttt	ctgtagacgt			220

<210> 28125

<211> 133

<212> DNA

<213> Homo sapiens

<400> 28125

tagggtacat gtgcacaatg tacaggtttg ttacatatgt atacatgtgg tatgttggr 60
tgctgcaccc attaactcgk catttacatt aggtatatct cctaattgta tccctcccyd 120
actccccct amc 133

<210> 28126
<211> 345
<212> DNA
<213> Homo sapiens

<400> 28126
agcgcgggtg actacgctta tcaatccatc gtattccttt gtcttcttgt cacaaaaaga 60
atttcgtcag tctggaagg gagttttact tacgtaaag gatgtagacc agamtcaagc 120
atgttacaaat cttaatctaa aagtgggtcc tgcttcataa tgctgtgga catgaagcta 180
acaaatcttt tcaaaatgtg ttcattgtgt aattcactgc agcacaggag caataatcag 240
ctatgtgcag gcatctatgc tactgtctct taaaatactt taaaagacct tgtgaggtga 300
tattatgacc tccccctccc tatgctcag aagaaattga ggcaa 345

<210> 28127
<211> 196
<212> DNA
<213> Homo sapiens

<400> 28127
agagctggac gggcggttgag gccaccctgg ccaggctgag ggcggastgg tggaaawgca 60
tttccaaaac caccagctgg ctagaacttt actggaccta aacattgaaa kwgcrgcaah 120
ttgraaaaag gaggatgaac tggaaaatta catcagactc ccaaagccca aaagatgatg 180
ccgaatccgg mataaa 196

<210> 28128
<211> 207
<212> DNA
<213> Homo sapiens

<400> 28128
tctgcttcag cctcccgagt aaaaggcatg catcaccaca cctgggtaat tttgtagttt 60
tagtagagat ggggtctcac catgttgcc agactggtct cgaactcctg aactcggggg 120
gawccgcctg tctcaccctc tccaagtgtc gggattacag gcgtcasmmc tatgcccggc 180
tggaatcat atgttcaca catgttt 207

<210> 28129
<211> 440
<212> DNA
<213> Homo sapiens

<400> 28129
cagtaaattt ttttgwwcat tggttccttc dkettggact ctctgttagc acacctgac 60
agagttggcc gtgttgtaat tctttccctc tctgctgcaa tgttgtttac ttctacctgs 120
caactawkct ttatactttc cttttttgcc atgaagggaa tacatttttt ccttcttggt 180
gggctataca gtgacctca tcaacaaatt atcaaaagaa tgtatgagga aaaggtctct 240
ttttttaaaa gtgaatcagg gctggggagt taggaatgaa gaggtttttt ttgtttgttt 300
gtttgtwtt tgacgagtct tgctctgtca ccaggctggg gtgctgtggc gcgatctcag 360
cccactgcaa mctccgactc cctggttcaa gcratdytcc tgctcaacc tcccagatag 420
vygggattac aggcattgcg 440

<210> 28130
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 28130
 cccaaattct tctcakcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
 cagcccctga caatcaccat tctaccttct agctctgtga atgtcacaaa gtamcatcaa 120
 ttatgwkga tcatcacgta tttttttgtg actggcttat tatacttagc atgatctacg 180
 ttgtagcagg tgtcagaatt tcgttccttt gaaaggctgr ataattattcc actgggttta 240
 gatacaccac gttttgttga cccattcacc catcaaggga cccadvrttg cttccamatt 300
 ttagctacag tgaataatgc tactagraac ataagggcac aaagctgggt ctgtgaca 358

<210> 28131
 <211> 67
 <212> DNA
 <213> Homo sapiens

<400> 28131
 cckcccgggt kcacgccatt ctckkgcttc agcctcccaa gtagctgggt ctacaggcgc 60
 ccgccac / 67

<210> 28132
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 28132
 gaagggttaac aggagtagca agagaagcca agacaagaag agggctttat ttctgatact 60
 agaatcagcc ttctctccct ttattctcta ggggacattt ttctttgctg actcatcygt 120
 tcagaaaaga agaccctgct ccctatttgg tgtacctcaa gtctcacttc aaccctgtg 180
 tgggcgtcct catcaracc agctgggtgc tggccccagc tctactgctat ttaccaaaac 240
 tgaaagtgat gctgggaaat ttcaagagca gagtcagaga cgggtactgaa cagacaatta 300
 accccattca gatcgctccgc tactggaact acagrnatag cwgccccaca ggatgacctc 360
 aatgcrctcat caagctggc 379

<210> 28133
 <211> 184
 <212> DNA
 <213> Homo sapiens

<400> 28133
 aacatggagc agagcagatg tgccatcatc aagaggcata atggaggaga aaaggatgtt 60
 ccatcaagag gcaacataga agggagaagg ctgtatcatc aataggcacc ataggagnma 120
 gmwgaagggt amcatcaaga ggrrcacca agavtagaag rgtgtytcat cgrcatgawg 180
 ggg 184

<210> 28134
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 28134
 ttatttatct acattggata aggctttgtt tacttctgaa taggaagcat tacacttaaa 60

gtgtaatggt	ctcagatagt	cttatatagg	tattttattct	tacatatgaa	cttatgtttt	120
agccataccc	tcttttggtt	twtggttttt	tttkgtwatt	tttkgttttt	ttgagatgga	180
gtcttgctct	gtcctgagcc	cagctagagt	gcagtggcgc	aannkncggc	tactgcagc	240
ctccgcctcc	tgggttcaag	tgattcyock	gcctcagtct	cctgagtagc	tgggactama	300
agcgctgcc	accatgccc	actaattttk	gwatttttag	tararacggg	gtttcaccat	360
cttctcca						368

<210> 28135
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 28135	
aaaaagmgac tagaacctgc cattttgtct catgcaagta gccatcctg cactgtcccg	60
ggaagcccca cagcccggat ggccctcagg ggggcctcgc ggc	103

<210> 28136
 <211> 68
 <212> DNA
 <213> Homo sapiens

<400> 28136	
cccaaattct tctcrtcttg gaaaactgaa actctatacg tattaactt cccattcccc	60
cagccccct	68

<210> 28137
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 28137	
cccaaattct tctcatcttg gaaaactgaa actctatacg tattaactt cccattcccc	60
cagcccctga caatcaccat tctaccttct agctctgtga atgtcacaag tacatcatta	120
tgtgggatca tacagtattt ttttgtgact ggcttattat acttagcatg atctacgttg	180
tagcaggtgt cagaatttctg ttcctttgaa aggctgaata atattccact gggtttagat	240
acaccacgtt ttgttgacct attcacccat caagggacnv aagttgcttc cacattttag	300
ctacagttaa taatgctact agaaacataa gggcacaag ctgggtctgt gacaaccctg	360
cttttaattc tktgtcaca agc	383

<210> 28138
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 28138	
tagcctcgta aggactggac cacgggtggg caggagaccg gtggagaacc cgccctgttg	60
ttggggctgg ggwgggccgc gcaccgagac taaattctcc ttccggcmag atccgctcac	120
caggccctgg cgacctgagc atctacgaca actggatccg gtacttcaac ygcagcagcc	180
cgggtgtacgg cctggtcccc agagcaagac ttcagccaga c	221

<210> 28139
 <211> 94
 <212> DNA
 <213> Homo sapiens

<400> 28139
 attttattaa aaacttggtt tattggccgg ctgggattcc aggtgtaagc cactgtgcct 60
 gaccaagttt ctkcttacc cgtgcctcca team 94

<210> 28140
 <211> 250
 <212> DNA
 <213> Homo sapiens

<400> 28140
 ttgattcatt ctgatagggg ttttttggtt ttttttggtt ttgttttttg ttttttttga 60
 gacggagtct agctctgtcg cccaggctgg agtgtggtgg ctcgatttcg gggtcattgca 120
 aacttctgcc tcccacccag gctggagtgc agtggctcga tttcgggtca ttgcaacctc 180
 tgctcccag gttcaagcga ttctcctgcc tcagcctcct gagtagctgg gattacaagc 240
 acccaccaac 250

<210> 28141
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 28141
 agagagaatc aacagagctg cctctcaagg atgatctgag cctgctccct gggcacctgc 60
 cctttccgag agcttgcttg cctcagtatg ggtcagggaa ggaggcacct acattttggc 120
 aactgtcttg agtggaggag tcgtctccct tgagagagtg tctcctgggc tttccacctc 180
 ctactggcag gagatcaggt cagaagttga gttagcaggg cctaggaggg ctggaagcct 240
 tcacagcgat ggcaagagaag cgaccctga gaaccctggg gcctgtgatg t 291

<210> 28142
 <211> 214
 <212> DNA
 <213> Homo sapiens

<400> 28142
 attgtgtgaa atagtatara aatcattggt gttcattatt tgctttgcct gagctcagat 60
 caaaatgttt gaagaaagga actttatatt tgcaagttac gtacagtttt wattgcttga 120
 gatatttcaa catgttatgt atattggarc ttctacagct tgatgcctcc tgcttttata 180
 gcagtttatg gggagcactt gaaagagcgt gtga 214

<210> 28143
 <211> 407
 <212> DNA
 <213> Homo sapiens

<400> 28143
 tttttttttt tgcccagktt tgggcacaga atgctaagag gaacgccaac agaattggaga 60
 ctgatgccca atgaattggg aaatcatatt atgtgacggg cagttgaaga aggcattgtct 120
 gtaaaattga agaagagatt tcttagaatg acctcagtaa caagcttaaa tatttaagtg 180
 tctgggtgaaa gtaggggtgg gatagtctct gatgtgctac aagatcgaag aaggagttaa 240
 gtccttctct agagcctcaa acccctgctc agcatgaaaa aaccaacaga aacccgagtt 300
 aacatctcct tgcaaatac tgatctgttt ttccaatama tctgctcatc ttgtttcaaa 360
 asgagtaagc tgmaccatt cttaaccctg tcgtccaaac caggccc 407

<210> 28144

<211> 117

<212> DNA

<213> Homo sapiens

<400> 28144

tacttgtcga	caaaaggcat	ctcttaattg	gcacatgaag	aaacatgatg	cagactcctt	60
ctaccagttt	tcttgcaata	tctgtggcaa	aaaatttgag	aagaaggaca	gcgtaat	117

<210> 28145

<211> 233

<212> DNA

<213> Homo sapiens

<400> 28145

cttactgaac	attgttcttg	atattgtatt	tagtcttttag	tcaggttcta	acctattttc	60
tgagttat	ctctagttct	tccttttgag	tatactatgc	tctatttcct	gtgtaactag	120
gnaatccaga	gtgagattag	cagttcttaa	tagcacctga	cctactgatg	tgggagcatt	180
ttgacagaat	cctccagata	ttagtggtat	gactagcgca	atgaattgga	cct	233

<210> 28146

<211> 99

<212> DNA

<213> Homo sapiens

<400> 28146

agttaagaaa	agcaggcggt	ttagtgagaga	aatggggaac	agcatcaaga	aaggcttttt	60
tccttttttc	tttttttttt	ggagacagag	tcttgcct			99

<210> 28147

<211> 366

<212> DNA

<213> Homo sapiens

<400> 28147

gtaattttta	aaactacgat	atgcttgag	aaattcattg	agaagctgtt	ataaaaaatg	60
cagtgaagca	tgaccaaata	gctaaaaata	ttactgaatc	ttacaaata	tatvawcwy	120
atttggtgwa	ctgtggagtg	caaggatact	aaatattggc	tattgataaa	atactaaact	180
gcawttcatg	gcaaatagat	gttatatcgc	ttgattagtc	tagaacattt	ctaataat	240
gtgctttcat	atatcaaagg	agawtatgtg	aaactawttt	taaatastgt	aaagtgacat	300
atagttataa	gatataat	tgtacagtag	agaaaagagt	ttataaacat	gaagaatwtt	360
gtacca						366

<210> 28148

<211> 336

<212> DNA

<213> Homo sapiens

<400> 28148

aaattaattc	aatcaacacc	ttcaagggtg	tattattacc	tacaactatt	gtttacaaga	60
ggtatgcacc	gtggaagatc	ctggagacac	aacaatgaat	aaagccaagc	cagttcctgc	120
ccccgtggag	cttgtagtca	agacattgaa	caagtgatca	gaaagatggt	gactgctgca	180
gcagagggtt	gcaagctgct	catgagtata	taacaagtag	ccctaacc	agcattctct	240
cccttggttt	aatgtccacc	cattgaggtg	actgctaaat	actaatccat	ractctatcc	300

cttggsrttc aaactcacac atccacttac ctgcca 336

<210> 28149
<211> 117
<212> DNA
<213> Homo sapiens

<400> 28149
gtgcaaaaaa ttggccgggc gtggtggcgc gcacccgtgg cccagctgc ttggaaggct 60
gaggcaggag agttgcttga acccgggagg tggaggttgc agtgagctga gatcgca 117

<210> 28150
<211> 132
<212> DNA
<213> Homo sapiens

<400> 28150
atttgtatit ttaggddaga cgggggtttca ccatcttggc caggctggtc tcgaacttct 60
gacctcatga tccacctgcc tcagcttccc aaagtgtctg gattacaggc ttgagccacc 120
gogcccagct tt 132

<210> 28151
<211> 183
<212> DNA
<213> Homo sapiens

<400> 28151
ggaagtttct ggcgcgagtc ctccgtcggg aaaactctac caacttcccc aggggaaggg 60
aagacaacag tgtcccagct tcccagctt agaccgcctc accccgtagg gdkggggggc 120
agtgggggtc tgccaccttc accctccccg cccgagttac gtacgccccca caaacctgag 180
acc 183

<210> 28152
<211> 319
<212> DNA
<213> Homo sapiens

<400> 28152
ccttacaata gttatactca aagcagagga acacagatta aatgtaaagg gatgaaaatg 60
tggttaagttg aacacataca tatctttgtt tttaattgaa atcatgttac agtaacataa 120
tttttaaaaa ggcataaacc cacaagaaca gagaaaagg taagagggac aaaataaatc 180
agtttgaaa ctgaaaagtg agtgaatgg tagcaactta gtgtacccaa taaagttgaa 240
acagccggca ggtatggaag ctacaagara taagccaaat catgccaaag aacccccaaa 300
gactaaggaa taagagaca 319

<210> 28153
<211> 186
<212> DNA
<213> Homo sapiens

<400> 28153
agctaaaaat aaccaccctg ggaagtgaag ctgtggcagt gccaggagc taagaacgtg 60
gtgatttacc agaagtcttc agaggcaagc catcttcaat tcagaagggg artccacat 120
gtggkgttga atatgaggca ttgtttaaga cacctcctgc cctcaccaca ttggcaaaact 180

gacawy

186

<210> 28154
<211> 263
<212> DNA
<213> Homo sapiens

<400> 28154
tgggaacatt gaaacagaat atttgagatc tagactctcc cagaaaatcc actatgagtg 60
ataacacccc tcacagatta cccaagaggg aaggaggttg ggcagcawta aadttgawkv 120
caaaatartr mmtcagaaag atggtatata atctgggggt atagaagagg agtgtggact 180
gtgaagggtga ggcttgga aataagctgg ccatgttggg gaaagtagaa atgggagagc 240
aagacaagca tgtaaaamag ggc 263

<210> 28155
<211> 109
<212> DNA
<213> Homo sapiens

<400> 28155
aaccgcgtcc ggtccccttc cacagtgtgg aagggttgtt ctttcgctct ttgcaataaa 60
tcttgctgct gctcactcct tgggwccaca ctgcttttat gagctgtaa 109

<210> 28156
<211> 452
<212> DNA
<213> Homo sapiens

<400> 28156
gttgccgtgg taacaggcct ccggtggagg gcggggaccc tcggaagcca gctgggtggc 60
gatcgcttgt ctgccttggc aggcccttg tgcagtcttt tcccggcgtg ascgtgcagg 120
ggattgaaaa gggaatgctt tatggttcag cagagaagcc accacgcagg atgactggg 180
acctgagaac cgtcgggcag tcccacgagc tctttcatga ccagctcaa cgcacaagta 240
cacgcccctt cgcactccac tagctagtaa gctgagctac aagggtgtgcc aggcacccag 300
gacgccgann caccgcttca gtgaaggccc agctcaaag ccacctcttc catgaagact 360
tccgtgatcc acaatgatag cawctccagc aattgcttct ataataaata gcatgagtca 420
ttctgcagga tgttgatctt ccttttttta ct 452

<210> 28157
<211> 248
<212> DNA
<213> Homo sapiens

<400> 28157
agtgaagtt tagadcaaag aacagatatg actcactgat ggggtatgga gaaagctgta 60
gagctcagta tcccagcttc caccatctcg atggcttgct tcatttccag cktcttgtag 120
aaagaarcaa tgcttgattt gggtaggktc tttctgatga ggrrtttccg aaaragagac 180
agaggaagca aaratgcaag tgaaaaactt ccagctcctc garsaccact gtagaaratg 240
atgcactc 263

<210> 28158
<211> 60
<212> DNA
<213> Homo sapiens

<400> 28158
agcacatgat cagtcattga taggacacag tgactttgtc atcagcccca tggccataaa 60

<210> 28159
<211> 243
<212> DNA
<213> Homo sapiens

<400> 28159
atTTTTctaa aggccgtctt gaagaaaatt aaaccagaaa gatcaagaaa ggctggagtg 60
caatgggtgtg atcttggctc actgcaacct ccaactacca ggttcaagca attctcctgc 120
ctcagsctcc cgaatagctg ggactacaag cgcattgccac catgccaggc tcatTTTTga 180
atTTTTtagta gacacggttt tgccttattg gccaggctgg tctcaaactc ctcacctcgg 240
gat 243

<210> 28160
<211> 355
<212> DNA
<213> Homo sapiens

<400> 28160
agtagggatt ctccacaggg cggggaagga cttgaaagag tctggcaata tggagcacat 60
caggattatg gaaggagaaa ctgcatagca agtatttatt ttattgaaaa ggaaraacaa 120
taaarattac tacataaaaar aataaagcta ctgaaataga tcttcccta aaataaatga 180
cttcaactctg gaacaggact gaggtagcatt aagcatgact ttgcccaatt ctgtaaagcc 240
aagtcattgct gcacaagctg gcacacaaga ggcttgagaa gatgtcctgg agtaggmaga 300
atcctggggg ctccacatcc acctcgggag ghgaaacaag tgagacaggt gctgt 355

<210> 28161
<211> 242
<212> DNA
<213> Homo sapiens

<400> 28161
aaatatcaca gacacssctc acacaaggaa tataaaaacc accaccctcc agcctgggca 60
acgtagtaaa acctcatcta tacaagaatt taaaaataag ctgggcgtgg tggtaacrac 120
ctgtgggtccc agctactagg gaggctgagc caggaagaac gctccagccc aggacttcga 180
ggctgcaatg agctataatt gcatcattgc actccagcct gggcaacaga gaccctgtst 240
ca 242

<210> 28162
<211> 107
<212> DNA
<213> Homo sapiens

<400> 28162
tattcagtgc ggattgcaga gggcgcagtc caccgtggta acttgcaatg tggccgcccc 60
tgcgctggct wcttwtccw cggccctngg tgaaccagc ttttcct 107

<210> 28163
<211> 84
<212> DNA
<213> Homo sapiens

<400> 28163
tacgaccatc agagrttaaa gaaggaaagt cagcgagctt gaacacaggc gtcccgtgtg 60
gaaatgtcca aggakaccgc caga 84

<210> 28164
<211> 259
<212> DNA
<213> Homo sapiens

<400> 28164
cccarattct tctertcttg gaaaactgaa actctatacg tattaactt cccattcccc 60
cagccoctga caatcaccat tctaccttct agctctgtga atgtcacaag tacrtyaatt 120
aatgkgggah mrtacagtat wtttttgtga ctggcttakt atacttagca tgatctacgt 180
tgtagcaggt gtcagaattk cgttcctttg aaaggctgaa taatattcca ctgggttttag 240
atacaccacg ttttgttga 259

<210> 28165
<211> 188
<212> DNA
<213> Homo sapiens

<400> 28165
tgggactaga aacagcctta ttgtgaataa ggctgtcagg aatatttytg taaaaatata 60
ttgtgaacgt gttkacattt ctcttgata aaaatgtaga agtgaaatca gtgawgtcaa 120
agagtttggt gtatatdtat tagaaattgc ccaatwnnat caaaaaacat acatccttaa 180
cagcacct 188

<210> 28166
<211> 97
<212> DNA
<213> Homo sapiens

<400> 28166
ataagatggt ttagggatatg agtgaatatc actgtgagaa cgggtctagc acaatcccag 60
taaagcaggt agagtcmtctg gaagaccggc tgggcaa 97

<210> 28167
<211> 108
<212> DNA
<213> Homo sapiens

<400> 28167
tgggttgtga aagaragcga ggaatcaagg atgactcaga ggtccttaac ctgtgctgct 60
gggtgaatgc tgatgccagt kctgagacag gaaggaatga aggagaaa 108

<210> 28168
<211> 226
<212> DNA
<213> Homo sapiens

<400> 28168
gtkgcgcgcc aaccgacgcc ttagtcccca acgagataaa cacagccaag ctcggttctt 60
ccggcgggca gctgtgcgcg cacgtgcagt cgtagctaag tgccggaggw tttcgggact 120

tgtaagtcca tacgtttcct gagggacgag agggctgagg agtgggcagg ggcgtaggag 180
agatdctgcg catmkgcaaa tatgtgtcga agaccgagga ggchgc 226

<210> 28169
<211> 59
<212> DNA
<213> Homo sapiens

<400> 28169
accttttagag atgagrcaca agcaggagaa gagggattaa acctgctagt tttggaaaa 59

<210> 28170
<211> 275
<212> DNA
<213> Homo sapiens

<400> 28170
catagatatg ctttcttccc cagttaaattc tcatgcagat ccagtagaca tcaagtgggc 60
agttaatcat ctagattaaa atattgtttc tctagttttc ttaatattvg awaaacaaat 120
cynaaaataa twtatttcat tatgaaagta actaaattaa tgataaarat ttaawaaggc 180
cgggtgtggt ggctcatgcc tgtaatccca gcactttggg agaccaaggt ggggtggatcg 240
cccwggyag gaggttctaaa ccagcctggc caaca 275

<210> 28171
<211> 93
<212> DNA
<213> Homo sapiens

<400> 28171
ggagtagccc cgcccgctctg ctgcaccttt tctagttaggt tggcggaggt gcgcggagkt 60
csagctgcgc gtccattggc tgtttggcgg ggc 93

<210> 28172
<211> 123
<212> DNA
<213> Homo sapiens

<400> 28172
tataaataat tttttttcct tttttgtgat ggaatctcac tctgttgcca ggctggagcg 60
ccatggtgca acctcagcct cctgggttca agttattctc ctgcctcagc ctcccaaata 120
gct 123

<210> 28173
<211> 51
<212> DNA
<213> Homo sapiens

<400> 28173
cttctttaac tgtctcctgt tktcttctt ctctctgaaa tgcattgctac t 51

<210> 28174
<211> 278
<212> DNA
<213> Homo sapiens

<400> 28174
 taccttatat ttataaatkt taatgtttta ctaggaaaac aatgtttaga aaagtatatg 60
 tttaaaaatt tgtactgtat tttcgaggtc aggagatcaa gaccatcctg gctaacacgg 120
 tgahactccg tctctactaa raataataat aataaaamaa attagccggg cgwgggtgctg 180
 ggcgcctgtg gtcctagcta ctcaggaggc caaggcagga gaatgggtgtg aacccgggag 240
 gcggastwrc ggcgagccga gactgtrmca atgcactc 278

<210> 28175
 <211> 56
 <212> DNA
 <213> Homo sapiens

<400> 28175
 agtagcgaka ggcgctrstg ccagctccag cagcccagat cgsgcagtat ttctgc 56

<210> 28176
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 28176
 tttttttttg gaccatgatg gtggcagtg aagtagcaag aagtgattgg attctcaata 60
 tatttgggca gcagaactta cagcgttccc aaacaggatg aatacggatg taagctggag 120
 ctgtggcagc cccat 135

<210> 28177
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 28177
 tactttggta tgggttttagt atgatagtag ttactttgct gtctattatc aatcagattt 60
 tataaatgtt ttgaggcttc gaagaactaa tttgtaaaac aaccaagag ccca 114

<210> 28178
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 28178
 acacaaggtc cattcttttt ttctaagcag gaatagccac ctttactcca actggggaaa 60
 tcccacatta ttcaatttct ctcaatactt aataataaat ctcaagatga taagatcaaa 120
 tttaaaaatt aacaatatct cttaatatgt tcaaatatat tgagggttta ttgaatgcag 180
 gcattt 186

<210> 28179
 <211> 159
 <212> DNA
 <213> Homo sapiens

<400> 28179
 cagtttcttc tcacaaagga aattasggaa gcaatgaaga taataggaat ttataagtta 60
 ggaaacaaaa ataatagaat cagtcaatac magagctgtc gtttgamagt cctattaaat 120

tgataagcca ttggccaacc awkawmaaaa aggggcgmm

159

<210> 28180

<211> 163

<212> DNA

<213> Homo sapiens

<400> 28180

gtatttccta	agaacaagga	caagctctta	cataaacaca	gacaatcatt	cagattcagg	60
aaattttaact	tcgatataat	actattatat	aatccacaga	atatattcac	atttcaccag	120
ttttcttaat	gaagattctt	gtagctcttc	ccatgcccc	acc		163

<210> 28181

<211> 124

<212> DNA

<213> Homo sapiens

<400> 28181

gcctgcccc	gtcttttccc	cttggttttg	tggtacaaga	gttggttgag	acagtttcag	60
atgattat	aatttgtaaa	tattgtacaa	attttaatag	cttaaattgt	atatacagcc	120
aat						124

<210> 28182

<211> 221

<212> DNA

<213> Homo sapiens

<400> 28182

tttttyttas	tagagatggg	ttttcacctg	gttagccagg	atgatctcga	tctcctgacg	60
tcgtgatcca	cccgccccag	tctcccaaar	tgctggaatt	acaggcgtga	gccccctgcg	120
ccagtcaa	at	ttaaatgttg	ataacttaaa	ttctcatttt	gcactatgct	180
gtgtaayccc	ttccttcccc	caaacacaya	catgcacact	a		221

<210> 28183

<211> 96

<212> DNA

<213> Homo sapiens

<400> 28183

catcatgggt	tcagcctctt	tgtaattaaa	ctgtttgctc	tatatgttaa	gccatgttct	60
aagcctttat	ttgttaattg	tttattaacc	ctcccc			96

<210> 28184

<211> 114

<212> DNA

<213> Homo sapiens

<400> 28184

gaaataggaa	tgcttttaca	ctattggagg	gaatgtaaat	tagttcagcc	attgtggaag	60
acagtgtggc	gattcctcaa	ggatctagaa	ccagaaatat	catttgaccc	agga	114

<210> 28185

<211> 196

<212> DNA

<213> Homo sapiens

<400> 28185

tgattataaa	tgttacaaaa	ccgactagac	agtgtttacc	tatttcgact	taaatgtctt	60
ggttttgaag	ttaaaaatga	agctacataa	tctcacatgg	aaaggttaag	aaacttcata	120
taacacatga	maaaaatgta	ctatttttat	aaattcaatg	aaagactatt	cctagtctta	180
aaacttttat	tggggg					196

<210> 28186

<211> 166

<212> DNA

<213> Homo sapiens

<400> 28186

catcaatata	aaatagtttg	aagtcaggta	gcgtgatgcc	tccagctttg	ttcttttggc	60
ttaggattga	cttggcaatg	cgggctcttt	ttcgtttcca	tatgaacttt	aaaatagttt	120
tttcagttc	tgtgaagaaa	gacattggta	gcttgatggg	gagagt		166

<210> 28187

<211> 143

<212> DNA

<213> Homo sapiens

<400> 28187

ttctgatcat	tttaacatga	gaaactgtca	ctccaggctc	gggagtcagg	agtctaaatg	60
ttctgggaag	gatggccagt	tatcccattc	cttgagtggg	taggatagga	agttcatcag	120
caaaagaaaa	aagagagaaa	gcc				143

<210> 28188

<211> 87

<212> DNA

<213> Homo sapiens

<400> 28188

aagactatac	tttcagggat	catttctata	gtgtgtyact	agagaagtyt	ctctsaacgt	60
gtagagcacc	gaaaaccacg	aggacat				87

<210> 28189

<211> 114

<212> DNA

<213> Homo sapiens

<400> 28189

gaaataggaa	tgcttttaca	ctattggagg	gaatgtaaat	tagttcagcc	attgtggaag	60
acagtgtggc	gattcctcaa	ggatctagaa	ccagamatat	catttgaccc	agga	114

<210> 28190

<211> 87

<212> DNA

<213> Homo sapiens

<400> 28190

cactattgac	tcaagamatc	actgggacca	ttccaggctc	ctgcaggatg	aattttggma	60
tagtttgtma	cattgaacag	ccacctg				87

<210> 28191
 <211> 127
 <212> DNA
 <213> Homo sapiens

<400> 28191
 tgtagccctt gttggaaagt gtgtsaatat agtaagatcc tgttctgaat gttttaaggt 60
 tcctaagtgg tagcagasat ggaacagcac ggatttgag atttgagcag ttagaatgga 120
 kgaagca 127

<210> 28192
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 28192
 aagactatac ttccagggat cagttctata gtgtgttact agagaagttt ctctgaacgt 60
 gtagagcacc gaaaaccacg aggaagagag gaa 93

<210> 28193
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 28193
 taatgaaatg gaaatgatga gctgagatgc aatgagttga aatgagatga aatgatgaaa 60
 tgatgagatg aaatgatgag atgagatgtg atgaaatgac atgaaatgat gacataaaat 120
 gagatgaaat gagatgtaat gatggaatga gatgagatga aatgagatga matgatagat 180
 gagtt 185

<210> 28194
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 28194
 ctttatcccc aggatgcagg gttgggttcaa catatgcaaa tcaatacatg tgattcatca 60
 cataaacaga actaaagaca gaaaccacat gattatttca atagacgc 108

<210> 28195
 <211> 93
 <212> DNA
 <213> Homo sapiens

<400> 28195
 cactgaaggg astggtttgg agcctgttca ctactttgca gtaaacagtg ggcctccctc 60
 tcttcttttc aataacccat gactcttcag gca 93

<210> 28196
 <211> 470
 <212> DNA
 <213> Homo sapiens

<400> 28196
aagtgtcak dgtcaaaatg gagtcagtgt gtcgaacttt gacaaaatgg aggctgagaa 60
ggccgtgaag ggagggtgt catggacgat tagcctggta tcaggagcta tcacaataaa 120
ttttttgaaa ccatagctta ctgcatcagc cctacaagga cagctagccg cttacatgtg 180
aacacttgtc tgtttcaaaa caggccaggc acagtggctc acacaggtaa tcccagcact 240
ttgcaagggt gaggtgggtg gatcacttga ggcaggaggt tgagaccagc ctggccaaca 300
tggtgaaacc ctgtctctac taaagggrta aaaattagct gggcatggtg gtgggcgcct 360
ctagtcccag ctgcttggga ggctgagaca tgagaattgc ttgagcccag ggggtggagg 420
ttgtagtgag ccgacattgt gccactgtac tccagcctgg gagacagagt 470

<210> 28197
<211> 297
<212> DNA
<213> Homo sapiens

<400> 28197
atttattatt ttggataagg ctaggttaga aaagacaata cagcttttgc ccacctcttc 60
ctcttaggat gcttactctt ggaattcagc caccatgttc tgaggaagcc ctgactacat 120
gaggaaacca catgtaggca ttatagctaa ggcctcagct gagagctcat tcaacagcca 180
gtatcaacca tcaggcatgt gagtgaggca gccttcagat tattctagtc tctggtcttt 240
gagccatccc agctgatccc aggtggagca aagtgagcta ttcctgttac gccctcg 297

<210> 28198
<211> 119
<212> DNA
<213> Homo sapiens

<400> 28198
aactccctac ctcagggtgat ccgcccgcct cagcctccca cagtgcctggg attacaggcg 60
tgagcsaccg cgaccagcca gaatctacct ttcagaggct gttaaactaa gccaaactaa 119

<210> 28199
<211> 57
<212> DNA
<213> Homo sapiens

<400> 28199
catcaaagtc acttgcaagc caaaagtctg ctcccagaaa aaactgtaac casagac 57

<210> 28200
<211> 97
<212> DNA
<213> Homo sapiens

<400> 28200
cagggactcc ctttacttgg ctgcgccggg ggatattgag ggcagggtga gtcaagaaga 60
gggaaaaagt gggaaaagag gtcttgggca cacgggtg 97

<210> 28201
<211> 75
<212> DNA
<213> Homo sapiens

<400> 28201

ttggaggats amagtaggga stsatccatc ggctaagtgt cttgtcaciaa tgctgacact 60
caaactgctg acccg 75

<210> 28202
<211> 75
<212> DNA
<213> Homo sapiens

<400> 28202
cagaatattt tgyttcactt ttttaatttca gtgctacttg agattttctt tttttttaac 60
ctgaaagaca ggaca 75

<210> 28203
<211> 72
<212> DNA
<213> Homo sapiens

<400> 28203
aatacaaggc asgatgtggt gagggccaaa tgaatgggcc acaaacacac acctctgggt 60
tgaaaggata gt 72

<210> 28204
<211> 79
<212> DNA
<213> Homo sapiens

<400> 28204
atattatagt ttttaataatt ttgtakatca ggaatttarg tgggactcag ctggccattt 60
gtttccatgt catgtatcc 79

<210> 28205
<211> 132
<212> DNA
<213> Homo sapiens

<400> 28205
tttataaaca gatgtgcttt atgtaataat tcttaatttg tggttaataa tttcaagaaa 60
acatcattta gtggtagtct gggctgtttg ctgtkkattt ttttttgttt tgttttgtat 120
taaccttaga gc 132

<210> 28206
<211> 109
<212> DNA
<213> Homo sapiens

<400> 28206
ttgaattagt gttcctctgt gtaattggat tcgatgtaag tagtggcctc tgggttactg 60
tcaaattcta gaactagttt tctaaattat tcccttttcc ccacacaga 109

<210> 28207
<211> 143
<212> DNA
<213> Homo sapiens

<400> 28207
 ttttaaccca aataagaaat tcttggctgg gcatgggtggc ttatgcctgt aatcccgcac 60
 tttgggaggt cgaggcaagc ggatcacctg aggtccagga gttcgagacc agcctggcca 120
 acatggcgaa accccatagc cak 143

<210> 28208
 <211> 207
 <212> DNA
 <213> Homo sapiens

<400> 28208
 actccggagg ccttcccact sgarakrctg tccattccct tgtgttcccc atcctcactc 60
 cagggcgacc tccgcgggac ttkccagcsc atggctgagg ctgtscctgkg caccacgat 120
 gaccggyaga taggcaaac caagatcttt ctgaaggacc accatkacat gctgctggaa 180
 gtggascggg acaaakccat caccgac 207

<210> 28209
 <211> 125
 <212> DNA
 <213> Homo sapiens

<400> 28209
 acttctcctg cacgttgctg gcaatcagat cgcgtttaag caatttcctg ancccaakaa 60
 tagcartgag tcgggagact ttcgcgggct gaaattvgga gctccaagca ctttttcccc 120
 ccact 125

<210> 28210
 <211> 236
 <212> DNA
 <213> Homo sapiens

<400> 28210
 ctgggagaaa tgaatgctgt tccatggaac acggaaatta tagaataaaa ctaaagcatt 60
 ctaacatttc aagagaaaga aacttggtta tgacatctct ggtcacatgg agtatgtctg 120
 taaagcttga agtcttgcta aagcatcttt aatgatttga taggcttcaa gtctgatatt 180
 tttttctata acctccttag tcaggctttg cacactggcc aaactacact gggccc 236

<210> 28211
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 28211
 cttctaactt gccacggca gcytcggggg gagcgacttt cctgcaccag ctgccgcgcc 60
 tgctcacacc ctgacca 78

<210> 28212
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 28212
 cacagcagaa tsacattttt tctgtcacta ttattattgt tggatatgtga agctatttgg 60
 agatccaatt caggaagcaa cacct 85

<210> 28213

<211> 145

<212> DNA

<213> Homo sapiens

<400> 28213

ggaagacggg cggcgcgtgg cggaaggcag gcttgctcct cgggggtggg gagggatatcc 60
ggcttaaggg ggctgcgtgg acaccacttc ttaatgtcgg gggctctcgc ggcgctcacc 120
tcggctccta ggggttcggga cgctt 145

<210> 28214

<211> 108

<212> DNA

<213> Homo sapiens

<400> 28214

atTTTTgatg ccatgcactc atttccagcc aatgatgaag tccagaaact tggatgcaaa 60
gctttacatg tgctgtttga gagagtctca gaggagcaac tgactgac 108

<210> 28215

<211> 132

<212> DNA

<213> Homo sapiens

<400> 28215

agcctgcatt ctttctccaa tttctagaag gtatttacac acttctgtac cccaccaggg 60
ggttgggttt tcattctgaa gtctcctgtg tataacacat tagataaagt tttgtgtctt 120
ttccoctgtg ga 132

<210> 28216

<211> 67

<212> DNA

<213> Homo sapiens

<400> 28216

tccaaataaa cacagaaaca acaaagggtga cgttacaacc gaccccacag aaataaaaaa 60
aaaaaaa 67

<210> 28217

<211> 102

<212> DNA

<213> Homo sapiens

<400> 28217

gagagaagaa aagcaggtgg aaggagagga agcggatgcc gtggggggtaa gctaagttct 60
ttccttctgt ggtctttgag catgtcgagt caccgggat gg 102

<210> 28218

<211> 138

<212> DNA

<213> Homo sapiens

<400> 28218

acaatggcag tttcatgcat tcattgtgaa ttgtgattgg tgcaagtgaa aaacggtgaa 60
 attggagata gtgcaagtgg gaactgtgca taaagcagag ctcatctat tagcacagta 120
 gccacagcg ggaggtag 138

<210> 28219
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 28219
 ctatagggat atttcctttt ctgatagtta ttatttaggg ttaatatatc attttacatc 60
 atatgtaagg attttgcaac ttcattttac ataatatgca aggg 104

<210> 28220
 <211> 146
 <212> DNA
 <213> Homo sapiens

<400> 28220
 ttacataatt tttttttttt aactttaagt ttcaggatac atgtgccgaa tgtgcaggtt 60
 tgttacatag gtatatatat sccatgatgg aaatatattat ttttttaagc gtaattttgc 120
 caaataataa aaacagaagg aaacaa 146

<210> 28221
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 28221
 atatagaaca ttaccaatta taaatacata ttttaagtata atttagtggt ttctggaaag 60
 aaatcaaagt tgtttctgtg ggcattcaca ttttcttttt tgtgaatttt ccaagctttc 120
 tacaatagcc atagca 136

<210> 28222
 <211> 76
 <212> DNA
 <213> Homo sapiens

<400> 28222
 ggatggaatg saaaggactg gaatggagtg gaatggaatg gaatggaatg gaatggaaag 60
 gactggaatg gagcgt 76

<210> 28223
 <211> 164
 <212> DNA
 <213> Homo sapiens

<400> 28223
 gaatttctca gacggctcct gtcagcgcca agtttcacca aatccaggcc tgcnggctcc 60
 tccccaggd cccccactcg cagtccctca agcctgtgct cccggaaagg cactgggcga 120
 ccgacccgt ggctttctct gggcgaccgg gtcccagact ccta 164

<210> 28224
 <211> 97

<212> DNA

<213> Homo sapiens

<400> 28224

tattctgagc tctggctttg acagtaagct gtgcccacag cagctggttag caatcagagt	60
gtgtttccat ccgatgtgaa atgtgctgcc acctaaa	97

<210> 28225

<211> 256

<212> DNA

<213> Homo sapiens

<400> 28225

aggagtctcg gagctgctgg ctggagagga ggggtggacga agctctctct agaaagacat	60
cctgagagga cttggcagac tccagggtct tcaagttttg aactcaaact ggccctcctt	120
gcacctcagc ctgcagatgg cctattgtgg gaccttga tcatgaagtc agggaccctg	180
aatggaggga tgcgccagag ctgaggcaga agaacataaa ttkagscaag atttcatgga	240
tatttatcac ttccca	256

<210> 28226

<211> 87

<212> DNA

<213> Homo sapiens

<400> 28226

gtatttttag tagagacggg gtttactgt gttggccagg atggtctcga tctcctgact	60
ttgtggtctg cctgctcctg cccccc	87

<210> 28227

<211> 165

<212> DNA

<213> Homo sapiens

<400> 28227

cataaatcat gatgagtcac ttgtgtgccc tcagacacca aacttgata atttgagacc	60
agcataattt ctttccaaaa gtttctgaa agaagtaaga gtgatttttg gcactttttt	120
gttaaatgcc aaaaagtaag ggaatgggaa ttaatatgag ctaaa	165

<210> 28228

<211> 341

<212> DNA

<213> Homo sapiens

<400> 28228

caacatagga catctgatca tcaaggactg aggacctggt ggtgtactta acaccactgc	60
catttattga ttgattgaga tggagtctca ccctgttgcc caggctggag tgcagtctcg	120
gctcactgca acctccacct cccgggttca agtgattctc ctgcctcatt ctcccaagta	180
gctgggatta caggcacgga ccccatgcct aatttttgta ttttagtag agacgggggtt	240
tcacatggt ggccatggct ggtctgaac tcctgacctc aagtgatcca cctgcctcgg	300
cctcccaaag tgctggaatt acaagcgtga gccaccatgc c	341

<210> 28229

<211> 324

<212> DNA

<213> Homo sapiens

<400> 28229

catttgattg ttggctgcat gtatgtctgt ttttgaaaag cgtctgttca tgtcctttgc	60
ccatttctta atgggattgt tgtttttttc cctgtaaact tgtttaattt ccttatagat	120
gctggatatt agacctttgt gggatgcgta gtttgacgta ttttctccca ttcggtaggg	180
tgtctgttta ctctgttgat agtttctttt gatgtgcaga agctcttcag ttttaattaga	240
tcccatttgt caatgcttga ttttgttgca attgcaacaa aatatatatt gaacttgatg	300
tctgtgactc taatttacct cctc	324

<210> 28230

<211> 135

<212> DNA

<213> Homo sapiens

<400> 28230

caaaatgtat ataaattatc tagattggat aacagtcttg catgtttatc atgttacaat	60
ttaatatcc atcctgcccc acccttctc tcccatctc aaaaaagggc cattttatga	120
tgcattgcac accca	135

<210> 28231

<211> 100

<212> DNA

<213> Homo sapiens

<400> 28231

ttatattgct actttttctg gaaattgaac agatgcataa agcaaactct taatttcagc	60
actttacttt taaggcttat ttcgagttcc tagaggcaga	100

<210> 28232

<211> 117

<212> DNA

<213> Homo sapiens

<400> 28232

tacataggta tacatgttcc aagggtggtt gctgcaccta ttgacccatc atctagggtt	60
taagtccac atgcattagg tatttgcct aatgctctc ctccccttgc cccccc	117

<210> 28233

<211> 165

<212> DNA

<213> Homo sapiens

<400> 28233

ttagtctctc tatgtgccat tagttatttg gtgaaattag taggccaatg tctcccttca	60
gaactttaat tatagcagaa gtaacaaaag ttcctttcac tcacatctt tttatttgat	120
attccactta actgttgctt aatcaatta aatatcagta gctcc	165

<210> 28234

<211> 170

<212> DNA

<213> Homo sapiens

<400> 28234

acttccccca ccccgdgtgt ctsasaaact ctcaggggtc ctcaaasaac agtttgaaaa 60
gccagtctct ttgcccctac atcagactca gccttatgga agakgacgak gaasaagagt 120
tagaaatcca ggatgagtca aatgaagaac ggcaggatac agacatgcaa 170

<210> 28235
<211> 259
<212> DNA
<213> Homo sapiens

<400> 28235
tgttcctgca gtattggata gctatctcat acttctttta gaaagaagcc tttttcatta 60
aggatacaac ctattttag ctgcgacttt aaaagatgct tgagatacat tttaaagaaa 120
actaaaaatc cctgtaaata ggattttgtg ctttctgtaa cagtgcacag ttcagcacag 180
aaaactcagc attgattatt gtaaattaaa taactgaaat tgtggtgaga cgtcatagtc 240
ttcatgagaa cgtgggggt 259

<210> 28236
<211> 258
<212> DNA
<213> Homo sapiens

<400> 28236
ctcactcggg ggtctgtgtg attctgcttg ggctgccgta acaaaatgcc ccagacttca 60
acaccagaca tttattttct cacagtgtct gaggctggaa ggccaagttc aaggtgccag 120
caggtttggg ttctggggag gtctctgttc ttggcttgaa gacagccact ttttcagtgt 180
gtccttacat ggccatttct ttgtcatccc tgggtgtgtc tcctcttctg acattaatcc 240
taccagttta gcgcccta 258

<210> 28237
<211> 190
<212> DNA
<213> Homo sapiens

<400> 28237
tgatgtttct gttgtgctgc ctgaaaaccc tattacttat gcctgggaag gtggaaaatt 60
gatacagag aatgatgatt ttgaagatat ggtggtgtaaca agagaagatt acgaagaaaa 120
tggacatagc gtctgtgaag agaaatttga tatttaagca acatttttga atgaaagttg 180
tgaccatcag 190

<210> 28238
<211> 157
<212> DNA
<213> Homo sapiens

<400> 28238
taaatctcca ttttctagtt atgtattgca tgtagagatc gcttgathtt tgtatatcca 60
ccttttatct gtggccttgc taaactcact caatagttac aggagctttt ttgtgggtat 120
ggattctttg gttttttgt ctttctttt tttttt 157

<210> 28239
<211> 221
<212> DNA
<213> Homo sapiens

<400> 28239

taawtgatga	gccaatattg	atacactagt	attaactaaa	gttcatagtt	tacattcaga	60
ttcatccttt	ctacagttct	gtgggttttg	acaaatgcgt	aatgtcatgt	ctccaacatt	120
acagtaacat	gcagagtacc	ttcactacac	taaaaatcca	ttttgcttta	ccyattttatt	180
cctcctcacc	ccctccctcg	ccccagttc	ctggcagcca	c		221

<210> 28240

<211> 320

<212> DNA

<213> Homo sapiens

<400> 28240

agaatcatca	tagaagacta	agaaagggtg	caatagggtg	ggagaataac	taatggattc	60
ccggaattca	agtgaagaaa	atatttccaa	gaacatatga	gcaattctgc	taaaaactct	120
taccagaaa	gatgggaatt	gcgaagttac	tttgaattta	gcaacataga	ggtcattagt	180
gactgtgaca	agaccaaatt	tatggaacag	tggagagaaa	gtctgatcca	cttaaattgtg	240
gaacagacat	cttaacctaa	tacaccagc	tatgagaatt	gaggaaacga	aattgacata	300
actagcatag	atggcaccac					320

<210> 28241

<211> 351

<212> DNA

<213> Homo sapiens

<400> 28241

ctttctgtat	gtaggtggt	ttaggtttgt	tgtctttaaa	tcttccatat	gatgatgata	60
ccctgtttta	cagttgagac	ccaagactat	agatatgtta	aataatttgc	ttgtgggtcat	120
acatgttcta	tcttctgaat	agaagataac	tcctgggaact	gatagagaga	gggcagaaaa	180
aagattctat	tttgagaaat	ggagcaacct	gaaggcacat	agctttgctg	tttgctgtaa	240
ctcctttaga	cagctctctg	accacacagt	acgtgggtgg	acaccagcat	tgaccaggag	300
ggatggtgga	aagtttaaat	agttttcctt	tactgtaata	aacrcctctag	a	351

<210> 28242

<211> 423

<212> DNA

<213> Homo sapiens

<400> 28242

caaacctaac	aactatcgct	tgccactgaa	gggaagtacg	cggctctatgg	gaccctggta	60
gccttatatg	gacttgtttt	ttggttgccg	gaataacatg	catctggaca	tgggaatgag	120
actggcgaga	aagggagggg	gcagatgttc	acactgggtat	tcattgggtgc	ttcaattact	180
aagagccaca	tctttcctgg	tttaccagaa	ataggtgctg	ttgcacaact	tcctgggtgga	240
tagggtaggg	gggtgttagc	tgatagggga	gttccctgga	gccctcgact	ctctctgttg	300
ctttcagcct	cagccctcag	tgagaggttt	ggccctggcc	cgcgctgtgg	ggccctccta	360
aacctcccct	atgtccttgc	aaaggtgtgc	ttcttaggtt	tcgcttgagc	agtcagccag	420
ttc						423

<210> 28243

<211> 216

<212> DNA

<213> Homo sapiens

<400> 28243

aatttgatta	taatgtatat	tggtgtaatc	ttctttgagc	taatgttgct	tgagcctcat	60
------------	------------	------------	------------	------------	------------	----

gattatggat agccatattc ctaccaagat ttgggaagtt ttcagacatt atttatttaa 120
ataagctttc tactgctctt attcttctcc ttcttggaact cccacaatgc atatgtttgt 180
ttgcttgatg ctgtccttta ggtcccatat gctccc 216

<210> 28244
<211> 367
<212> DNA
<213> Homo sapiens

<400> 28244
ttgtgaacat agcaattaac taaagtgagt gtcaaggaag ggcctttgct cctaaggtta 60
cgagtccatc tctctaggac catttcctat aaaaggggaa tcaccatctg ctttctaatt 120
gcttctttta ttccactttg gatttggtta catgaaaatg taagttttca tttggctgac 180
attaatcagt ttctgtgtga ggttctgtat caaggtatca aacaagacct aagagattga 240
aggtcctagt ggtggtatta aatttttgca tataaattaa tgaccatgca atgtttcaca 300
gccatttttc tcttcctttc taacagcctt gttagatact gtagtttntg agaatataga 360
gacagcg 367

<210> 28245
<211> 431
<212> DNA
<213> Homo sapiens

<400> 28245
tggctcctgtg tcagatggat agtttgcaaa tattttcttc catctatggg ttgtcgtttt 60
actttgttga ttgtttcctt tcttgtgcag gagcttttta gctttatgta attccatttg 120
actttgcttt gttgcctgtg ctttttgagg ttgtcatttt tattgactag atgatattcc 180
agtatattaa ttttttttct tttttgtatt tttagatgg aatctcgctc tgtcgcccg 240
gctggagtgc agtggcgtgg tctcagctca ctgcaacctc caccttccgg gttcaagcga 300
ttctcctgcc tcacctcctt gagtagctgg gattacaggc gtgtaccacc acgcccggct 360
aatttttgtk ttttttagcag agctgggggt tcaccatgtt ggccaggctg gtctcaaaac 420
tctgacctc a 431

<210> 28246
<211> 300
<212> DNA
<213> Homo sapiens

<400> 28246
ggcgtggcg caggtggacg cccatctgga gcaagcggca sccagttgct cattccctcg 60
cctgccctgg atttgctggc agaggagttg cggctggccc agaacgcctt gggcgcgatc 120
accggagagt tctcctccga cgatctgctg ggcgtgatct tctccagctt ttgcattggc 180
aagtagcgct ctccaccggg cagcttcttt gtaaaggac gtaagcggtg cttgtgtccg 240
cgctgtaacg caggtacttt cagaccact atgaatgccc taatgtccac atccccccgc 300

<210> 28247
<211> 226
<212> DNA
<213> Homo sapiens

<400> 28247
ctgtcttccc cctctaaaaa tgtaaattat ataaacagag ggttttttaa ttgtggtaaa 60
attatacata acataaaatt gaccatttta accattttca agtgtacagt ccagcagtat 120
taagtacatt catgttggtta taccttcacc aacaccacta tgcattctca gaactttttc 180

atcctcccaa actaaaactc tataactcatt aaacattaac tcccc 226

<210> 28248
<211> 129
<212> DNA
<213> Homo sapiens

<400> 28248
taatcttgaa tgaatgttat ttctacttag tcctaagcaa gaataagctg ccctcttggt 60
gatcatactt tatacggagt gctatcggtt atgaaatgct ttcagtatgc tttttaaaatt 120
atgcaggca 129

<210> 28249
<211> 316
<212> DNA
<213> Homo sapiens

<400> 28249
aaaaattatt ttaaaaaatt taaatacata atacttgtac atgtttatgg ggtacttgtg 60
atattttgtt acatgcatac aatgtgaaat gatcaattca tagcatttag ggtgtccatc 120
acctcaagta ttcggttattt ctatgtgttg ggaacatttc aagtcctctt tttttaaaact 180
attgtgaaat atacaatgta ttgttggtta ctgtagtcac cctactctgc tatcaaacad 240
ttgcactttt tacttcgata taattgtatg ttgtaccaca ttaacaacct ctcttcatct 300
cccctcaagc cccaca 316

<210> 28250
<211> 179
<212> DNA
<213> Homo sapiens

<400> 28250
ttttttgaaa cagtgtctcg ctctgtcacc caggatggag tgcagtggca tgatcacagc 60
ttactgcagc ctacgcctct ctggctgaag tgattctcct gcctcagcct cccaagtagc 120
tggaactaca ggtgcacacc acgatgccca gcttttcttt cttttttttt tttttttt 179

<210> 28251
<211> 105
<212> DNA
<213> Homo sapiens

<400> 28251
tgaggcagga gaattacttg aacatgggag gtggagactg tagtgagctg agattgcaac 60
attgcactcc aacctggaca acaagagtga aactccgtct caaaa 105

<210> 28252
<211> 361
<212> DNA
<213> Homo sapiens

<400> 28252
catttctggt ggaaatacaa ataatacagt tattctggaa aatctcttga tagtttaaaa 60
aaaaaaagaa aactgtgtta ctatcctact acccagtagt tgcacccttg gacctttatc 120
acagataaat ttatattgat acagaaaacc tgtgtcaatt tcataaagtc cagatatacc 180
aaatgagtaa ctagtcagag aagcagctgt gtttctacac catagcatgc acatgcgcat 240

gtgggtgtag gaaaatacag gtctctttgc ccttctgatg cccttagtct tgagggtgaag 300
gaagaagcaa cagaaagtat ccaattactg tttgaagatt acctagtttg tttatgagtg 360
c 361

<210> 28253
<211> 357
<212> DNA
<213> Homo sapiens

<400> 28253
aaactaatat ttacaatagc agtaaaaaga taaagtattg tggaagaaac ttaaagggttc 60
agaactatta ggaaagaact ttaaaatact actaaggggc ataacaaatg tgaacmaata 120
aatataccat gtgacattaa gaagtgtgcg caaacttaag tgaatgtatt aattttactgt 180
gatcttggtc ggggtgcggtg gctcatgcct gtaatcctag cactttggga ggccgagatg 240
ggcggattac ctgagatcag gagttcgaga ggagcctggc caacatggtg aaaccctgtc 300
tctaytaara ravaatarra taawaaaata caaaaattag cggggcgtgg tggcggc 357

<210> 28254
<211> 356
<212> DNA
<213> Homo sapiens

<400> 28254
tactacattc ctgaaaacat tgagagagga ttttcatata ataggagttt atatttagta 60
ctttatataa gtaagccaaa gtaaaacact cttaaatacc tatatagcag tccacccaaa 120
rtttctgaga gctacgaagc atccagctta tcasttacct cttcatttaa catttaaate 180
cttcagtggg tatgctggag cagtatcatg tccttgcacg ttccttcaac accacagga 240
ccatgtgcaa tagtccatgt tataaagatt cttagttagt gcaaatttag tcaagtaaaa 300
taaggcagty ctaaaagggc cacctgcaga gtgaatttta gcaykagcga gggctt 356

<210> 28255
<211> 318
<212> DNA
<213> Homo sapiens

<400> 28255
ctaaataatc catcttcaga tgaatgggaa aagaaactgt ggtatgtatc cacaatggaa 60
tattattcag ctttcaaaaa gaaagadatt ctgtcatttg tggcaacatg gatgaacttg 120
gaagacacca tgctaagtga aataagccag gcacagaaag gcaaattatg catgttttca 180
ctcatacgtg ggagcttaaa aagttgaact catacaaata gacagtagat ggtggttacc 240
agaggctggg gaatgggggt ggatgaagaa ggagatgttg atcgaagggt acaaaatttc 300
agttagatca gaggcgtt 318

<210> 28256
<211> 173
<212> DNA
<213> Homo sapiens

<400> 28256
gtattaaagt gtaaaatgtg aatcatacat cttgtctaaa tagcttacag catagttggc 60
ttaaataaaa ataaaaaata gtgatatgct taaaaaatat accaataata atgtacaaag 120
tgacaaagat gaatatattg gataattata acctgaaaag ggagagaggg cga 173

<210> 28257

<211> 222

<212> DNA

<213> Homo sapiens

<400> 28257

aactaaagag	cttctgcaca	gcaaaagaaa	ctatgatcag	agtgaacagg	caacctacag	60
aatgggaaaa	aatttttgca	atctatccat	ctgacaaagg	gctaatatcc	agaatctaca	120
aagaacttaa	acaaattttac	aagaaaaaac	aaacaacccc	atcaaaaagt	gagtgaraga	180
tatgrrcaga	cacttctcaa	aacaagacat	ttatgcagcc	aa		222

<210> 28258

<211> 275

<212> DNA

<213> Homo sapiens

<400> 28258

tatgataaag	tttataaatt	aggcacagta	agatattaat	aatagaatat	acaatatacc	60
gcaataaaaac	ttatgtgaac	agttattttt	ggacagcagt	tgactgtggg	tcactgaaat	120
tgtggaaaagc	aaaaccatgg	ataaagggga	actattaata	gtctatctgt	attgcattat	180
cttctaaaaat	ccaaaattct	gacttcaaaa	actcatctga	gggttttgga	attgtgtatc	240
tawgtgtgtg	aagtgcwaag	agcagtgctt	catgt			275

<210> 28259

<211> 179

<212> DNA

<213> Homo sapiens

<400> 28259

tgaacccctt	ctgctaaaaa	tacaaaaaatt	agccaggnnn	ggtgggtgggc	gcctgtaatc	60
ccagctactt	gggaggctga	ggcaagagaa	ttgcttgaac	ccaggaggca	gaggtttcag	120
tgagccgaga	ttgcaccact	gtgctccagc	ctgggtgacat	agcaagactc	catctcaaa	179

<210> 28260

<211> 353

<212> DNA

<213> Homo sapiens

<400> 28260

agtaacaat	gttttggtat	gtattaaggg	gatatcagtg	tttctcaaag	tatgatccat	60
ggaccatctg	ggatcatggc	cctgggtttca	gacaacctga	atcaaatctt	aggggtgggg	120
ctttgggatg	tcattgttca	ataggcacct	caggagattc	tgagcacacc	aatgtttgag	180
aaccactaaa	atgaggagtg	ggaaaaaaa	aatagggtgt	ttgttaattt	agagctgagc	240
tgagaagata	atatattttt	attgtcaatg	acattaacag	atatgcactg	attcttttat	300
acctacaatt	tacttaatgt	cccttttatt	aaaacgcgtg	gttcatgagc	acc	353

<210> 28261

<211> 164

<212> DNA

<213> Homo sapiens

<400> 28261

atcagttaat	gacgtgtcta	tcctgtcagt	tccttgggcc	tgaaactttg	aagttatcct	60
tgattcctct	cttttttagcc	ataccatgtc	ccatctataa	ttaaatctta	ttggctacct	120
tcaaatcaaa	tccagaagct	gctgatttct	tcctaacccc	acgc		164

<210> 28262
<211> 228
<212> DNA
<213> Homo sapiens

<400> 28262
aagatccttt acacaataaa gtagatgatac atgataaatg aggtaagggtc ctattatcac 60
acacttcaaa cacggtagat cagaaaccca ctatgatact cgcttcctgt ctgtttgcta 120
aggaatataa aatggctaga aagtttaatt tgaaaccttt gcctccattt ggaatagtag 180
acaccagtta agaggggtgtc agatgccttt ttttttttt tttttttt 228

<210> 28263
<211> 303
<212> DNA
<213> Homo sapiens

<400> 28263
tgactatttt attccacaag atagcatttg actaatlcat aatgcttaag tcataagatg 60
gtggctggca ttttttaatt tattactaaa agctaagata tttgcattat attgtgcaaa 120
tttcacagaa caatgttgca ttttctgaga taaggctcta atttttttaa tagtgctaca 180
tttagttgaa agtttcagtc agctagttag ctgagttgaa tgaaaaatat agaactgtat 240
gtacatttat caaatgataa aatatgttca tttttgtaag aaatcagaaa aattaagacg 300
cct 303

<210> 28264
<211> 222
<212> DNA
<213> Homo sapiens

<400> 28264
cctagtgttt ttgcaatttt caaagcactt ccataagcat kccttccacc tcctkgatag 60
gcatttatgg aaagcctgct acatgtcaat catactgtta ggcacagggg acctaaagac 120
acataaaagg atggcattct gcctcataaa ttgcaaaacc taatgaragt gactgcttgg 180
taaacaaatt attattakat tataaaatgc tataaaagag cc 222

<210> 28265
<211> 313
<212> DNA
<213> Homo sapiens

<400> 28265
ggcttaacct acagattgaa gaggtcggaa gctctgaggc ccgggggttc cggaggtcgc 60
ggagatggaa ttggagcaga gagaaggagc catggcagcc gtgggctttg aggagttctc 120
agcgccgcca ggctcagagt tggcggtgcc tcccctatgt ggtggccaca tcctggagag 180
cgagctggag acggaagtgg agtttgtgtc aggtgggtctg ggcgggtcag ggctccggga 240
gagagatgaa gaggaagagg cagcccgggg tcggcggcgg cgccacggga attaaatcgc 300
agaaagtacc ata 313

<210> 28266
<211> 161
<212> DNA
<213> Homo sapiens

09139100

tgatcatgtag a 491

<210> 28271
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 28271
 cataatatag attctcatcc caacaaataa ctctaaatgg tcagaccata aaac 54

<210> 28272
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 28272
 acttacagtgc tcacttgagc cagaaactct caagtaggta atgttttcct ccactcaaga 60
 ggtttgtgaa gccaggacac aaggattgga ggtaaggggg tctgaagtgc aatagagcaa 120
 ggcacagtgg ggcttaggaa atatttctga agaggtcagc cttgttcaag ctaggacagg 180
 gaaacagatg agagcagaaa gggcggtg 208

<210> 28273
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 28273
 aaaaagccag gcatggtggt gcaggcctat agkcccagag tatttgggag gccatggtgg 60
 gaggattgct tgaacctgtg aggtcaaggc tgcgrtgagc tttgaacaca cccattgcac 120
 tccagcctgg atgacagagt gagaccctgt ctcaaagaaa aaggaaaaga aaagtctcac 180
 tggagaggca tactttatat atcttttaat tgtatgtttt 220

<210> 28274
 <211> 287
 <212> DNA
 <213> Homo sapiens

<400> 28274
 ctagtagggc ataatgctag ggaatatgtg aagatgtttt tatgaagtct ctttctgatc 60
 acgaacaata gcttgcgctc tactctgtag ttatgtggat tgccgagcaa tgaccctttt 120
 caatttctta tttctgtggt actgaggacc ctaatcactt agggatgtaa ttttatagta 180
 taaactttct gtacagtttt tcttatagtc taataagtaa aaagtgtcct tcaaattatg 240
 ataattgcct atgtacatgg ataaattaaa aactgcaca cggaag 287

<210> 28275
 <211> 97
 <212> DNA
 <213> Homo sapiens

<400> 28275
 ttgttacata ggtatacatg tgccatggtg gtttgcagca cccatcaacc catcatctac 60
 attaggtatt tctcctaag ttatccctcc ccgtca 97

<210> 28276

<211> 116
 <212> DNA
 <213> Homo sapiens

<400> 28276
 tgctgtaaat ttccaaacat tttaaaaggc tgtctttag gaaggaagaa gagttttcct 60
 cctggccaga ggaggaggaa ctaggacttg ttacttggaa ttgaggaaag acacat 116

<210> 28277
 <211> 182
 <212> DNA
 <213> Homo sapiens

<400> 28277
 gtgaataagg cataagttat attattatta ttatttttct ccagacaggc tckcakcctg 60
 tcacccaggc tgtagtgtag tgactatcak ggttcactct gacctcgaac kcctgggctc 120
 aagtgatcct cctgcctcaa cctcccaggt agctggaact ataggcctgc acctctgcac 180
 tt 182

<210> 28278
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 28278
 agcactaaat cagttccaaa atctgaactc cttcatatct attcaacata gggaaatgct 60
 cttcaacttt gtgtgcttag attccattta tgaatgatat atttctaata tttgattaaa 120
 ataaaaaccc atgcc 135

<210> 28279
 <211> 186
 <212> DNA
 <213> Homo sapiens

<400> 28279
 atttatcttt cctacttaaa ccccaatctt ttctttatct ttcagacata ctaaagacca 60
 cctcagtctt tgtgtttgtt ccaagttgca cttctggttt tatatattcc cagctaaaat 120
 attttgctta gagatttgc tctatacttt gattttgata ctcggcatac tagtcccccc 180
 aaccgc 186

<210> 28280
 <211> 388
 <212> DNA
 <213> Homo sapiens

<400> 28280
 ttttaatttaa ttataataat tgtttaatat cttacgtttt ataacaacat ttgctttgca 60
 cttttcaaat ccctgtcaca ttcattgatca tatagtgtca tatttaaaaa ggagaaagaa 120
 tcctgaagtg tcagggtccac aaaaaagcaa aacaagatat actgttatcc gcatttcaca 180
 gattaaaaaa tggagactca gaaagatccc ttgagatgct tcagttcaca gacctagtaa 240
 ataataatag aatagacacc gcagtcccaa tctgctgact cctagtccac agctctggcc 300
 accaaacat tttactagca ctcaaacatg gcattctgtg agcattcttc ttgtctttca 360
 ttcccaactt cttctgacca ccaccgca 388

<210> 28281

<211> 117

<212> DNA

<213> Homo sapiens

<400> 28281

gtgaaatgca	tggtatatat	ggsagaatat	atacatgcac	atatgcagt	tgaaaaataa	60
caaactcctg	tgtacccaac	tcgcagggtca	atgaagacag	tattccaagc	ccatgas	117

<210> 28282

<211> 288

<212> DNA

<213> Homo sapiens

<400> 28282

ctggctaatt	ttgtatyytt	agtagcgacg	gggtttctcc	agtgttggtc	atgctggctc	60
cgaactcccg	acctcagggtg	atccgcctgc	ctcagcctcc	caaagtgaag	ccccatctct	120
actaagaaat	acaaaaatta	gccggggcgtg	gtggcgtgtg	cctgtagtcc	cagctgcttg	180
ggaggctgag	gcaggagaat	cgcttgaacc	tgagagggtga	ggttgacagt	agccgagnyc	240
gagccactgc	actccagcct	gggtgacaga	gcgtgagact	ccgtctca		288

<210> 28283

<211> 409

<212> DNA

<213> Homo sapiens

<400> 28283

acttagctyy	taaagcttat	atattaattg	ttcaaagtgtg	aatctatata	aagcatattg	60
gtgcagcaca	ttttaagatt	ctagaaaacc	acaaaatctg	tttattcatg	ttgaaacata	120
caggaacata	ttctccctag	atcagagtca	aacttggtga	ggtatttgta	gcattttggt	180
aacactccct	agagaatttg	tagacttttg	gggtgcatat	taagggataa	catacatggc	240
ttttcagaat	rkttttctgaa	taaagcagct	tcagacacca	gatttttagtt	tttggttag	300
gaaagagtga	tgtgtbtytc	cnvcctcccc	ccccccaccr	acdcacacac	acataccctc	360
cccatcttkc	ngatatvggc	catcttgwt	kattggatga	gcccccat		409

<210> 28284

<211> 209

<212> DNA

<213> Homo sapiens

<400> 28284

gaatataatg	aagtttgaat	aatatctgca	gatttcatga	tttcatcctg	tctttgttct	60
cagtataata	caaattcaaa	ctcatttttg	gaacttgatg	tacataaaact	ctatgtgaat	120
ataaataata	aaatttataa	ttagatttta	aaattgaaca	cttcgcattt	ctcaggagta	180
atcgagtgtt	ttacagatgt	gaggaagaa				209

<210> 28285

<211> 151

<212> DNA

<213> Homo sapiens

<400> 28285

acaacgtccg	gcgcttccgc	cttcgcttag	gaggaggaag	agctggtagg	gaaaggaaaag	60
tgcttcgcct	tgggcctgga	ctggaccgag	tcgggttggt	gggggtctgg	gctatgagct	120

tttgaggggtc gcctgggacg cggwgcaaac a 151

<210> 28286
<211> 213
<212> DNA
<213> Homo sapiens

<400> 28286
taaataagga agaggaacag gctatgtcct aatgcttgct tagaccagta taagcatgcc 60
agggcaaata ggcttaattg tgggagctaa gaacataaag tacattgatt tgtttattat 120
ggctagcaga tatttaagaa tgcttcgcaca ggtctttcaa taaattttgc ttctaagaga 180
agttactatt tattcctaatt tagatgggga gaa 213

<210> 28287
<211> 118
<212> DNA
<213> Homo sapiens

<400> 28287
aactgggggtg tttctctcca aagtatctgc atagccaggg actccttcca gaattggctc 60
aaaatatcac tttctcaaaa agaccacac tgattgtcct atatttgata gcacaaca 118

<210> 28288
<211> 184
<212> DNA
<213> Homo sapiens

<400> 28288
atTTTTTggg tttgtatagg ggacgcaggg tgtcagatca agcgggtggtt ttcccagggtt 60
ccggcattg gctgtcagcg ctgtgtcaca cacaaaaaag tgacagtcatt tggcgctggt 120
ttgggtgggg gggagggcaa atcccaaattc tgatgtcaga cgagctaagc gttggatggg 180
tagc 184

<210> 28289
<211> 331
<212> DNA
<213> Homo sapiens

<400> 28289
ataaaaaattt tccaggcagg catggtggca cacacctgtg gtcccaccta ctcgggaggc 60
tgaggtggga gaatcacctg ggcctgggag gttgagactg cagtgagcct tgatcgtacc 120
attgggctcc agcttgggag acatgtacct ggtctccaaa aaacatataa ataaataaat 180
ctacttggtt tgtggatttc atgaccccat ttcatttaag catactttca aagtactcca 240
ctgccccacc tataccattt ggaatatata aataggaaca taggggattt aatagcttaa 300
aattaagaaa catcaaaaca aaaccaagcc t 331

<210> 28290
<211> 317
<212> DNA
<213> Homo sapiens

<400> 28290
aataaattat atggatttct ttggaagttg attgtgaaga aaatgactaa gaaaactttt 60
ttttttcttt taggttgatg gaaatcacia tcttctgaca aagctttctc tggaagagga 120

aaactgtcctt	attcagctga	agtgtgaaaa	ccttcaacaa	aaattagaac	agatggacgc	180
agaaaaataaa	gagcttgaga	agaagctggc	aaaccaagaa	gaatgtctta	agcacagcaa	240
tcttaagttt	aaagrgaaat	ctgcagaata	tacagcattg	gccagacaac	tggaagctgc	300
tttagaagaa	ggaagaa					317

<210> 28291
 <211> 173
 <212> DNA
 <213> Homo sapiens

<400> 28291						
tataaagaaa	aactcttttg	ggtcctcaaa	tcttaaggta	taaaaggggc	ctgagaccaa	60
aaggtttgag	aaccattagg	atttgggggt	tttttttggt	tttttgtttt	attttataat	120
agtgttttat	ttgatataat	aggatgtgaa	agccctgaaa	agttgtggaa	ctg	173

<210> 28292
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 28292						
atactatcga	gccaacatgt	actgacatgg	aaagatgtca	aagatatgtt	aagtgtaaaa	60
tgcaagtggc	aaaacactat	gtatagtctg	agccagatca	aagtatgtat	gtttttaata	120
tgcatagaac	aaaagatttg	gaaagatata	ccccaaactg	ttaaatgtgg	ttbctcttcg	180
gagagggggg						190

<210> 28293
 <211> 465
 <212> DNA
 <213> Homo sapiens

<400> 28293						
cctatggaga	atacaaatag	acatttcctta	gtgtaattgg	tttctataaa	tattttattag	60
tgtagaata	aacaaaattt	gtattttact	ttggagaagc	catgccctgg	ctaaaagcat	120
tcataatcac	aaattgtaaa	tgctgatctg	aatgtgtttg	cacatacgta	gatttttggt	180
ctagctatgt	ttggtgcagt	tggtcatgga	ctatgagcct	gcaacctcca	tttctagtcc	240
agctgggttt	gtgtatgttt	tgaacagtct	gtgcctctgt	gtaataatga	tggtattgtg	300
tggtttttcc	tcagctcccc	cttttcctgt	accactgctt	aattagaagt	atgtcaggac	360
tttgaacaca	gcgggagcat	acttaacatt	aatctgtggg	tggttgattg	ctttggcccg	420
ggatcttggc	gttcctgtgt	tctcagaatg	cacacaggtt	gacct		465

<210> 28294
 <211> 468
 <212> DNA
 <213> Homo sapiens

<400> 28294						
tccaattgtc	ctacagatat	ttttcaaaat	gactactttt	aaagtataat	ctttttattc	60
acaggtggga	tgctaattct	acaattgcct	aggacttctt	taatttgtgt	aggttaagag	120
attttaattg	gcaatttaag	aagtgttgaa	atttataagg	attatttctg	tatgttagag	180
ttgtgataac	gcagacattt	tccctgtagt	acttctctga	gtctgatttg	ttttcctcca	240
tggttaccac	ataggtttat	tttaagatgg	taaaaaataa	aagctgacta	aggtaacatac	300
tgattatcct	agasracatg	cagacatcac	taaataagag	tgacgttttc	atcaactcac	360
catttggtttt	aattagaaaa	aaactcatca	aaactgaatt	tctctgcatg	arataccttt	420

tcaaatacaca ttgaatgtca tttaatagta atttatccac ttcagttt

468

<210> 28295

<211> 232

<212> DNA

<213> Homo sapiens

<400> 28295

aggagtagtg	gctttgttcc	cagctcagtg	aaggggtggca	tggtctctcc	tgtccacttc	60
actctggatt	ctttaaccct	gtgaattact	agacatggat	tccatctcca	atgtggatgc	120
ctctcttcac	cacaagaata	catgctcctt	tctgggctgt	ggcttagctc	ggccaaggag	180
tgtgatgact	ggcgagcaga	tggtgcctt	ccatccatcg	tccaccccct	aa	232

<210> 28296

<211> 298

<212> DNA

<213> Homo sapiens

<400> 28296

ttagtatattt	aactttttta	actcttttgt	tgaaaactaa	gacacaaaaa	cacatgttag	60
cctagatcca	cacagggta	gggtcatcag	tatcactgtc	tccacctcc	acattttgtc	120
tctctggaag	gtcttcagg	gcaataacac	acatggagct	gtcatgcct	gtggaacaa	180
tgccttctac	agtacttccc	aaagggcctg	ctagttcact	taattctttt	atagagagaa	240
ggagtacact	ctaaaacact	gatcaatagt	atattatagt	aaatacataa	accaggaa	298

<210> 28297

<211> 148

<212> DNA

<213> Homo sapiens

<400> 28297

tctctgaagc	caagagccga	ccttctgagc	cctcaagaaa	gatcagaaca	gattcatggg	60
tgatttagcc	tatctgtccc	aggccagcgt	ggctgagtgt	gctggctgga	ggcctctctc	120
tctgcttcga	gggtagctga	gatccata				148

<210> 28298

<211> 148

<212> DNA

<213> Homo sapiens

<400> 28298

cagtaatgcg	aattggaatg	ctcccatctg	tttggtaatg	tgtgtggctg	ggttctggag	60
acaaagagta	aaagaacatt	tgacgggtg	aaggttgcct	aaagggattc	cagcaggctg	120
ttgtcgggag	atgcataaag	aaacggct				148

<210> 28299

<211> 438

<212> DNA

<213> Homo sapiens

<400> 28299

agtttggtata	attgagagat	cttccttacc	agcacgtttt	tattgagcaa	aaaatttgtt	60
cataagttcc	tttaatat	tgcttatttc	taatattgtca	attttacatt	ttctaataaa	120
tgtttataga	tctttaccag	ctgtctttcc	gagttcatcc	ttcagttttc	aataagttta	180

tggtgccttt	tttcctaata	taattttatta	aaagttttaa	ttttttaa	tataaaacat	240
ttaggaattt	ttctgtacct	attaaaatga	ttttactccc	ttttttttaa	gcaaagacaa	300
gctgaattag	aagctgctcg	gttagctaag	gagaaagaag	aggaggaagt	cagacagcaa	360
gcattgctgg	caaagaagga	aaaagatatc	cagaaaaaag	ccattaagaa	ggaaaggcaa	420
aacttcgaaa	ctcatgca					438

<210> 28300
 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 28300	
caagatatatt	60
agtagtgtac	120
ttacgtacgc	130

<210> 28301
 <211> 410
 <212> DNA
 <213> Homo sapiens

<400> 28301	
tctgtgatag	60
tgatccttac	120
caactggttc	180
gaacaccccc	240
ctcttagaag	300
tatgagggta	360
tatttttagtt	410

<210> 28302
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 28302	
ctcaataact	60
aaaaaaatga	120
gaaagttgaa	180
ttccacagta	240
tatcccactt	300
aagataatgt	360
tttccaatgt	420
agaamtgagc	446

<210> 28303
 <211> 449
 <212> DNA
 <213> Homo sapiens

<400> 28303	
gactcgtgag	60
gccaaggaaa	120
ctgactattc	180

gcctgcgctc	tgagagacag	gtgccgctgt	gttgccctagg	atgatctcaa	accactaagc	240
tcaagcaatc	ctcctgcgctc	gacttttccaa	agcgctggaa	ttatgggcgt	gascactgtg	300
cccagagtct	cactctgctg	cacagcctgg	agtgcgaatgg	tgtgatctca	gctgactgca	360
acctctgcct	cccaggttca	aatgattctc	ctgccttcac	aatctataca	tctgacaaag	420
gactaatatc	cagaatctac	tacgagctc				449

<210> 28304
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 28304	
aaatgctgga	aggaagaagg agggaccatt agttgaacta agagggtatgt tgtttataact 60
gttggtgtgg	ttgtccctgg gtggtctgaa attttggagg agggggtagg gaaaggcccc 120
ctaaaccttt	tttaaactag tataatacaa cctgactgct acctgcagtt tccaattac 180
ccaac	185

<210> 28305
 <211> 330
 <212> DNA
 <213> Homo sapiens

<400> 28305	
aggctcggct	gggtgcagtg gctcatgcct gtaatctcag cactttggga ggcctaggca 60
ggcagatcac	ctgaggccag gagttcgaga ccagcctggc caacatagtg aaagtctcta 120
ctaaaaatac	aaaaattagc cggatgtggt ggcagtcacc tgtaatccca gctactcatg 180
agggttaggc	aggagaatcg ctttaaccgc ggaagtggag gttgcagtg gccgagatca 240
tcacgccact	gcactccagc ctgggtgaca gagtgagact ccatttcaaa aaataaaaata 300
aaataaaaat	aaaaaaagaa actgaggcca 330

<210> 28306
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 28306	
ttttaacaat	aaagaatgaa acggaagaa atttccgatt aatacttatg aaccagaaa 60
atgaagttag	tcattgtagc atga 84

<210> 28307
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 28307	
tatttcagct	tccacatttt atttcaacaa cattagtcac cgtagctgcg tattcctggt 60
ttcagtgtag	taacgttgag catttatgtt cctagcactc ttccaggtag cctgtgcgtt 120
atgaggcagg	cacatctctc ctgaaagaat ttatatctt gtcagggaat taaggcttca 180
gataagaaaa	aattcggggg aaagtgccta attccttcta ccctaacctg cctccatttc 240
ctccctctc	cgagttgaga tgattgggtc agagccagct cttcctgggc ttgggaagag 300
gagatggggt	tsaadtgctg ctgcccccd ntaacctcag agtctatatt gagactctct 360
tgctcaaaact	ctcctcgag agtagaacga acaggct 397

<210> 28308

<211> 386

<212> DNA

<213> Homo sapiens

<400> 28308

tgctctcaaa	agaagagcct	atttaagaga	ctagtattat	aaatcttttt	gtacatagga	60
ataatccttt	gataatacaa	agtagattcc	cttgaagatc	tttattcaca	tattgaattt	120
atccaatgtc	agttttttata	aagttaacct	aggtagtgta	gtcatttttg	taaattgaga	180
tataatttgc	atatagtga	atttacctta	tttaatgtat	aattctgtga	gtttcaacaa	240
atgcatagtt	aggtaacaac	ataatcaaaa	tgtagaacaa	ttccatcact	ccgaaaaaat	300
tccctcttgc	agtttttttt	tttggtttttg	gtttkkkggt	ttttkgagac	agaatctkgc	360
ycttgtgdgc	caggctagag	ctcagtt				386

<210> 28309

<211> 208

<212> DNA

<213> Homo sapiens

<400> 28309

attactatta	caggaaaaac	cctcaggtgt	ggtcgaaccc	cagtgccttc	ctggagattc	60
tgggtccagg	tgaaaaagcc	accacacttc	tttatataat	tttggggaac	cagataggtt	120
gttgggagtt	tggttgatga	ctgatcatgg	caaggacccc	agaaggatgt	gttgatggat	180
gggctgaagg	cgtgaggaag	accccgat				208

<210> 28310

<211> 169

<212> DNA

<213> Homo sapiens

<400> 28310

gtgatgtttt	ctgtgggata	tttacttatt	taaatagata	aatgccttta	atctcgtagt	60
aggtaaaaaa	ctttttttata	aaagatatcc	ttttctattg	tgaagtgaat	tttattatga	120
atggatgagg	aagtttatca	aatgcctttc	cataattatg	gggagaact		169

<210> 28311

<211> 258

<212> DNA

<213> Homo sapiens

<400> 28311

ttttgttatg	tctaattggaa	taattgagct	atatctatct	ttaggaaatg	taggaggggg	60
aaatgaggaa	ttattagtca	aagggtacag	agttttggtt	ataaagataa	gtctcagaaa	120
tctttttgtac	agcgtggtgc	ctatagttaa	caatactgta	ttgtatgggt	aaaaatttcc	180
taagaggata	gatcttacgt	aaagtattct	tactacaaac	acacaaatta	gtgatagtaa	240
ataagagagt	gggaaaga					258

<210> 28312

<211> 89

<212> DNA

<213> Homo sapiens

<400> 28312

actcaaaatg	gattaaaaat	tcaatatttt	ttttaatttt	tagagaaatt	ataggacaaa	60
aattgttatg	cctcagagag	gaaggaatt				89

<210> 28313
<211> 235
<212> DNA
<213> Homo sapiens

<400> 28313
atagacatag atatggattg atatagattt tttttgagac agagtctccc tctatcgccc 60
aggctggagt gcagtggagc aatgatcgca gctcactgca acctctgcct cccagtttca 120
agcgattctc ctgocctcatc tctcaagtag ctgagattac aggctctcgc caacatgccc 180
agctaatttt tgtattatta gtagagacgg ggtttcacca tgttggccag gcgac 235

<210> 28314
<211> 265
<212> DNA
<213> Homo sapiens

<400> 28314
aaatcttgct gctgctcact ctttgggtcc acactgcctt tatgagctgt aacactcact 60
gggaatgtct gcagcttcac tcctgaagcc agcgagacca cgaaccacc aggaggaaca 120
aacaactcca gacgcgcasc ttaagagctg taacactcac cgcgaaggtc tgcagcttca 180
ctcctgagcc agccagacca cgaaccacc agaaggaaga aactccaaac acatccgaac 240
atcagaagga gcaaaactcgt gacac 265

<210> 28315
<211> 259
<212> DNA
<213> Homo sapiens

<400> 28315
ttaggacctt aggcaaatgc ataaaaataga tgaaaatatg tctttgacag tccactgccc 60
gtaagaaaaa aaaagctgtg tacctttttt taatgtttct attctaactt tttcaacatc 120
ttttgtaagc ttgagacaac tgattttaac ataacttaat ttggtactcg cttcttttcc 180
cttcttttca ctcatacttt ctccttttta tgactccatc ttctctatat ttttgctcct 240
tttcttkgtc cccaccccc 259

<210> 28316
<211> 451
<212> DNA
<213> Homo sapiens

<400> 28316
tgtttttctt ccyattcttc cccaccctgt gaaccctctg tccacatttt gaggatcccc 60
agttgtgtga ggcacagtgg aagacatggc tctgcttgta gccctcgaag ctgcaaggaa 120
ggaaaaagcc tctttctctc tttgtcttcc tggcacttct ggccactcaa gtggccctga 180
ctgctactta ctgagctaat gctccagagc cgaacacttt ctatcaggga aacaagtggc 240
aaacctaate ttttaggaag agacaaaggc agggcacagg atgaggggag gaagaggagg 300
aactgagag ggaaggcagg agcatagttg acccttgaac aacacagggg ccaggggtgc 360
aagcccccaa tcccatgcag cggaaggctc acatctaact tttgactctc caaaaagtta 420
actagtata gtctcctatt gactagaagc c 451

<210> 28317
<211> 174
<212> DNA

<213> Homo sapiens

<400> 28317

agttatactg	gaggaaagca	ttgcttttcta	atcctttaag	ataaacattc	cagacacaac	60
tgtgggttaga	accagaggaa	aaaaattaca	ggagctgggtg	aaaaagttga	aggagagggc	120
tattatctca	ggcctttgca	aggggacgaa	acagctaaaa	tagcaaggca	cggt	174

<210> 28318

<211> 393

<212> DNA

<213> Homo sapiens

<400> 28318

cttactctat	gagtaatcta	tcttttttgg	tagcttttaa	gatttcttgt	gatattttcc	60
aatttctgtg	gaatgtttct	acgtgtggat	ttattttaat	tattccgttt	gacacattgt	120
aaattttgac	tttttgga	attttactca	ttttctctct	aaatagtgt	acttcacat	180
ttcttctttt	ctgaatctct	tgtcgacata	ttttggggat	ctataattgt	ttttgttttt	240
gttttgagac	ggagtctcac	tctgtcacc	aggctggagt	gcagtggcgc	ggtctcggct	300
cgctgcagcc	tctacttccc	cggttcaa	aattctcgtg	cctagcctcc	tgagtagctg	360
ggactgcagg	cgctgcgcc	cacacccggc	aac			393

<210> 28319

<211> 324

<212> DNA

<213> Homo sapiens

<400> 28319

acacaagatt	agaaaactca	catgcccaca	gtgctgtgca	ggttacctga	gtgactgaag	60
cagctgtctt	agtcattttg	ggctgatata	gactgggtag	ttcataagca	acaaaattta	120
tttctcagtg	ttttttgttt	gtttgtttgt	ttgagatgga	gtcttgctct	gtcaccagg	180
ctggagtaca	atgggtgcgat	cttggtcac	tgcaacctct	acctcctggg	aaagtgattc	240
tcctgcctca	gcctcccaag	tagctgggac	tacaggtgtg	tgtgccacca	caccagcta	300
atctttgtat	ttttagtaga	gaca				324

<210> 28320

<211> 433

<212> DNA

<213> Homo sapiens

<400> 28320

tattaactta	ataaatgtat	gaagtcttaa	atacctctta	gttctcatta	satttaggaa	60
aattcacact	agcasnaata	aagctgttaa	tgtaacagtt	gtggaaaagt	gttctagcaa	120
cagcatatac	ttatcatcat	tgcctttcca	ctactctact	atctgtgtga	tattagacaa	180
aatattttgt	tcttggtacc	tcagctgtaa	aatgaaacac	acctaaaagt	gtggttgyt	240
ccaacatgta	taatacagca	acaactatct	ggcccaaact	gctttggatt	aatattggat	300
attactgtyt	tyattatcat	caacattatt	attagtggat	ttcttaatag	gaagatgcaa	360
tggagatgac	aaayytggaa	aamccactca	tsacttacat	ttcatgamgt	acttctttga	420
taaaatctgt	tat					433

<210> 28321

<211> 64

<212> DNA

<213> Homo sapiens

<400> 28321
aactagcttt ttttttctc ttggagcaaa aagttggaac aagttttttg tttttttttt 60
tttt 64

<210> 28322
<211> 77
<212> DNA
<213> Homo sapiens

<400> 28322
gatgtctttt catttggaat ttcatttctg ggaaagtttg aaagttggct ttttggaata 60
ttactttttt tttttt 77

<210> 28323
<211> 174
<212> DNA
<213> Homo sapiens

<400> 28323
gttatctggg tgtggtggca tgcgcctgta gtcccagcta ctcaggaggt tgaggttagga 60
tagcgttctt gaaccagga ggcagaggtt tcagttagcc gcaagatggc accactgcac 120
tccagcctgg gcgacagaac aagattaaat ctcgaaaaaa aaaaaaaaaa aaaa 174

<210> 28324
<211> 401
<212> DNA
<213> Homo sapiens

<400> 28324
cgatggtaaa gaggctaaag ctaaaattag gttttgggtt ttgggcagtt actcatattt 60
cattgaaaat gaaagactaa ttgtattttt attttaatat agaaagatat acatatgtgt 120
gtattgtctg taattaaagt aactcagta cagtgttctc atttttttgc cctaggggtt 180
tttcagcttg gggctctgtc ccctagtctc tgcttttcat aggctgaggg ataaagtcac 240
gatcatgatt agaagtggag gacaaccac ttgaaatccc ctctgatga tttccctttt 300
tctccacgat tgcagacctg ccctgcttac tctaagagca gtatgttagc tggccgcttc 360
tgtaggatgg tttgggagaa ggaagatagt atcctggcgc c 401

<210> 28325
<211> 448
<212> DNA
<213> Homo sapiens

<400> 28325
catgaacctg agtgagcttt tcagatatct gcaacaactg ataggaatgg atctttgatt 60
tctgccggtg acaagtcccc ggcactgctg acatcattgt aggttggtgt ctacattcat 120
aattgaagga agtgcaaatt ttcagttaga ggttggtgaa aagaaagatg acatttttct 180
ccacccagc ccatggactc tctaaatcct atccatggct cttttggcag tgccctgcct 240
gtgctgccct atgtgagctg gccctcacct tcatcttgga tccctccctc ctctccatt 300
cacaagctgg tctccctttt gtcctttgaa taacacacgc ttgtctccag cccagagcct 360
ttgactgtt ctctttaccg ggaatgttct tctcacact ttttcttcca ggggacttta 420
aggtctcagt ccaaatatca tctccata 448

<210> 28326
<211> 440

<212> DNA

<213> Homo sapiens

<400> 28326

aattttacgcc	agtccagtcg	cctgggtgtgc	aggggtctgga	gcgggggtgg	gggaaaggcg	60
ggccaaagaa	tggacggccg	aggggagtag	tgcagatctg	agaaggtagg	ggaggcgggg	120
ggtcccgttt	cgagtgccgc	agcctgctcc	ccatctcccc	ccacacacca	tcaaattctaa	180
aaccgtgtgt	ttgagactat	atgcctgtgt	gctgagatgt	gtgcgtgacg	aggtctgttt	240
gtgtctcttc	gacctagctg	aggaaaacac	tcctgctacc	gagagagAAC	tAAatggttg	300
gtcagggaaa	atggaaaaga	cagtgatagc	tttaaaagtt	aaaagtgcag	ccggagaata	360
tgggacctgc	tgttckctca	aacttttctt	tttgtctgca	tatccatcta	cctatccatg	420
attatatctc	ctattcatga					440

<210> 28327

<211> 80

<212> DNA

<213> Homo sapiens

<400> 28327

tttatcactt	ccccccattt	tgtttatcaa	tctcacaaaa	acctagggtt	tcctatcccc	60
tctttttttt	tttttttttt					80

<210> 28328

<211> 263

<212> DNA

<213> Homo sapiens

<400> 28328

taggagttca	ggaccagcct	gggtaacatg	gcgggacccc	atctctgcaa	gaaatacaag	60
aattagccag	gcgtgggtgg	aagtgcctgt	cgtcccagct	actctggagg	ctgagggtggg	120
aggatccctt	gagtcgggag	gttgaggctg	cagtgcagctg	tgatggcatc	actgcattcc	180
agcctggaca	gtagagcaag	actccgtctc	taagaaaaaa	aagagaaaaa	aggacttaat	240
ggctacctta	agacacccgc	acc				263

<210> 28329

<211> 365

<212> DNA

<213> Homo sapiens

<400> 28329

ccatgtgtga	tttgcttgta	gaaacaattt	tgaaagcccc	ttgaggaaaa	taaaaatcaa	60
gaagaacact	tttctccctt	ttccatacaa	attaaaactt	aacagcatca	aattattggg	120
accagaaacc	aagtaatgta	taatgtggct	tttgttgagt	tAAataagat	gctatataat	180
ggagaagaat	ttgaaaatgc	acaaaaaaat	caatctacat	tatcagaacc	tgcaagtga	240
ttaaacttat	gttaaataaa	accagtttgc	aggtgcacaa	actatgaggg	tcttgatcc	300
acgtaacaca	ggtagttaca	aaaacatggt	attgtactgt	gtaaagatgc	atagtcattc	360
cattt						365

<210> 28330

<211> 333

<212> DNA

<213> Homo sapiens

<400> 28330

gcttccact	tccaagatgg	ctgcgggtgg	agccgaccag	tttctccttg	gaccaagatg	60
actgatggaa	aactctccac	ctctacaaat	ggcgtacttc	atgggtattc	tggatggtcg	120
accaggaaac	ccccttcaga	acctgcaaca	cgtcaatctc	aaggcgcccc	gactcctctc	180
cgcgctgag	tacgggcccc	agctgaaact	cagggcttta	gaagaccggc	acagcctcca	240
gtccgtggac	tcggggattc	ctaccctgga	gatcgggaac	cggagcctgt	accctgcagc	300
gcggtccacg	tgaggaggaa	gcagcccgac	tcc			333

<210> 28331
 <211> 84
 <212> DNA
 <213> Homo sapiens

<400> 28331						
ccagcatgga	gaaagatgta	ggctggaagg	ctaagccagt	ctagtctttt	cacgttttta	60
ttttttgttt	tttttttttt	tttt				84

<210> 28332
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 28332						
tatagcgaat	ttttaaaaaat	cagacttcta	acaataattt	cattttttatt	taaatagtag	60
ttcatccttt	tggcttctgg	tatttttaaaa	ggccactgac	attttttggg	taaagattta	120
aacatattta	aatttatattt	cagtcagggtg	ttttggactt	ccatttttatt	tattgctatt	180
aacgtcacca	tatgtaaaaga	caacatgact	gattgaacca	aagagaattg	ttcagctatg	240
taacatatct	gaaagagcat	tctacatata	ccaaataatg	ttaaaagcgc	acac	294

<210> 28333
 <211> 85
 <212> DNA
 <213> Homo sapiens

<400> 28333						
cagtattttt	ttttgtggas	stgggbsgca	ammtatgttt	tcagttcttt	ttcccttagg	60
tctgtctasa	atcctaaagg	caaat				85

<210> 28334
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 28334						
taatcgaaaa	attgggatct	aagtaaaacta	aagagcttct	gcacagcaaa	agaaaccacc	60
gtcagagtga	acaggcaacc	tatagaatgg	gagacaattt	ttacaatcta	cttatctgac	120
aaagggtctaa	tatccagaat	ctacaaagaa	ctccaacaaa	tttacaagaa	aagaacaaac	180
aaccccatca	aaaagtgggc	aaaggatatg	aacagacact	tctcaaaaaga	agatattttat	240
gcagccaaca	gacacacaaa	aaaatgctca	tcatcactgg	ccatcagaga	aatgcaaate	300
aaaaccacaa	tgagatacca	tctcacacca	gttagaatgg	cgatcat		347

<210> 28335
 <211> 374
 <212> DNA
 <213> Homo sapiens

<400> 28335
 attttcagac actgtgcttt atcctgaaag atttggtgaa aagggatctc tgaggtgaat 60
 atctgctctg cttggccttt gagagaagg gagtgggcaa ggctggctct gggcaaatta 120
 cttccacctc cttttttgcc cctgcttcag ctccagggga gctggaaatg cacaggagga 180
 gtcagaagac ctgggttcga gtccctggctc tgccacttac tacctatgtg actttgggag 240
 gaagaaggca cctacgatca aactctggag ttccgtaggg aggtgatggc cagccaagac 300
 gatccactcg gccaacccaa cagttttacc aaccaccccg ggctcggaac taataggaaa 360
 agactctttg tgaa 374

<210> 28336
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 28336
 aacctgctgg cagatgtcca ttcagaatcc atttggtcca ctctagtaga aacaaactca 60
 ctgcttaaca aggcagcccc gtccactgct gggcacctct tgagtgtca tctcctctgg 120
 atgcttctta gcttaacagc cctcataaat caaatgtaga ttccagaatt ggacatcatg 180
 ttcctgaagg ttactcaatg aaaggaaaac aacagctgcc ttgctctgaa cactgttttg 240
 t 241

<210> 28337
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 28337
 tttttatttt taaactagtc ttcaaagtca tgaattgggt gactaatata ccttt 55

<210> 28338
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 28338
 gttcagtac tgagacaaac tggmgtgaa aggagctggt amtgtccact gtgctgtcgg 60
 tgctgaacct gagacgcgag cggaccagtt gctccagcac mtgaa 105

<210> 28339
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 28339
 cccctccctc cccagccttc cccgcgagcg gacgcgncas scctctgtct cgctttttct 60
 tatttttccc cc 72

<210> 28340
 <211> 326
 <212> DNA
 <213> Homo sapiens

<400> 28340

atgaatagtg	ttttgtttca	caaccatttt	taattaatta	aaaactttca	atggaattag	60
gccaatat	aaatgcctta	ttgattkgag	aacatwatyc	aaaattkatt	gkccttttcc	120
tcaaataagg	aacttcagag	aataaaataa	tagttgatca	aaaaatggga	aattaagcca	180
ggcattgtg	cgtgcatctg	ttgtatcaac	tacttggaag	gatgagacag	gaggatccmt	240
tgagcccggg	aatttgagtt	gtggtcactc	cattgtactc	caacctgggc	aataaaacaa	300
gaccctgcct	caaaaagcaa	aagggc				326

<210> 28341
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 28341						
ttgctctttt	cgctcaacat	taagggtttg	gagatgcac	catgttgatg	catctaagac	60
tttgggtgtg	taataccaaa	gagtagtatt	agaattdmca	ttgtgtgaac	ctaccttggg	120
gtgtgtattc	tcgtgttcat	gaatataagg	gctgtttcta	gtttttggct	gttatacata	180
caaagtctac	tgtgagvatt	cttgccctggc	acaaggacaa	gaatgtcttt	gaaatacagt	240
ccaaggacwa	gaactgctag	gccatatggt	ctaacaatct	tgtttattta	ggcaactttt	300
cttagtgaaa	tatacaaaca	gaagacgcac	aatcaaaat	gcataactc		349

<210> 28342
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 28342						
tcttggtgtc	tgctcctttgc	cccctgtgcc	ctctggattc	tctgggtcta	tgtaggcccc	60
tggtctgccc	tgggctcacc	agccttctcg	a			91

<210> 28343
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 28343						
accgagtcg	ttactgggmt	cagactttta	agttaattta	ctgccccct	accttggcca	60
gtaaccagcg	cctttagggc	tagcctcccc	cccacttcc	tgcytgaaaa	atgacatttc	120
gocggtgtct	ccggaggggg	ctgaatttca	ctttgttaact	ttctgcggaa	cccagagccc	180
ggtggcagct	cgggtggtgg	tatcgtatgc	aaatacgcac	gctgacgtta	cagatcatgt	240
gggttttggc	gtagattcmv	cactgatcga	ggcattt			277

<210> 28344
 <211> 360
 <212> DNA
 <213> Homo sapiens

<400> 28344						
atagaattaa	tgagtctggg	gcctgggtcat	gggacaaaca	ttttgctctt	aaagtaaaca	60
gaaggtctta	aggggatcac	agagagggga	agtgaggggg	tttwtgctcc	ccagggttta	120
ccgcatgcvt	tttttgctca	tactgggtg	aggtcaaaga	aatatagaca	tcatttttaac	180
cctcaggaag	ttgtctcgga	cacccaggag	acagtgtctga	agggtctgga	ccaccatggt	240
gggccctgtg	gtgggagagg	cttcctagag	tagagcagcc	caagctggac	ctgaagcdtc	300
aggagggctg	wmagaccccc	atggtgagca	gcagaaagtg	tggaagtcaa	gtccatgggc	360

<210> 28345
<211> 357
<212> DNA
<213> Homo sapiens

<400> 28345
tgataactaa atacaagcag ggtagtgtgt ataggraaca ttaagctaag agttaaagaa 60
atTTTggctg ggcacagtgg cttacacctg taacaccagc actTTgggag tccaaggcag 120
acatatcact tgaggtgagg agttcgagac cagcttggcc aacatggtga aaccctgtct 180
ctattgaaaa tacaaaaaat agctggacgt ggtggcgcat gcctgtattc tcagctacta 240
cttgggaggc tgaggtggga gaatttcttg aacctgggag gcgagggttg cagtgaagctg 300
agattgtgcc actgcactcc agcttgggtg acagagcaag actccattaa aaaaaaa 357

<210> 28346
<211> 209
<212> DNA
<213> Homo sapiens

<400> 28346
tagtgatgtg ttcttttctag tccatcatct ggaggcacct gatggcagtt ttcccaatat 60
tgcgaaatta agtttgatta ttttgTTaag gtagtgtcca ccagatctct ccatttttaa 120
gacatccttt tctctaatta ctcaaggac tgtagagtga tgctttgaaa ctgaataact 180
aacactccct aactcagtga tttagcacc 209

<210> 28347
<211> 350
<212> DNA
<213> Homo sapiens

<400> 28347
taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcka cttatctgac 120
aaagggctaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
aaccatca aaaagtgggc aaaggatatg aacagacact tctcaaaaga agatatttat 240
gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcrratc 300
aaaaccacaa tgagatacca tctcacacca gttagaatgg cgatcattaa 350

<210> 28348
<211> 339
<212> DNA
<213> Homo sapiens

<400> 28348
ttcttaaaat gtaaaatgtg cctattgtta atgttgacat ccaattaaaa aaaactgtct 60
aaacattttg tatgcaagat ataactgaaa ggtggaatca actdatgaga tggctrtttt 120
caaactctag tctagatrgg catgtatgtg vatcaaccac agaggagata ttaggtatag 180
gagtggaaaa agcttagctt ccaatgagtc taggatggaa taaaaaagaa tgtgatttat 240
gtgccatacg agacgggtgt tatattggat tcattaatgc ctaaaacctt gttcatcaca 300
aaattgghgg aggtgatgta aacaaaaaga gaagcatgc 339

<210> 28349
<211> 252
<212> DNA
<213> Homo sapiens

<213> Homo sapiens

<400> 28354

atcttcaggg	acagtcttgg	ttttattcag	ttccattctt	ttcagttacg	atgatttttt	60
gtgtgttttg	agatgggac	tcgctcactt	cgcccaggct	ggagtgcagt	gttgccatca	120
tggcccaccg	tagcctcaac	ctcccgggct	caagagatcc	tcctgcctc		169

<210> 28355

<211> 167

<212> DNA

<213> Homo sapiens

<400> 28355

catgaggcat	gggaagggtg	tttttttctt	tgtttgtttg	tttgtttgaa	tgcagttgac	60
tttttttttg	tkgtatkgtk	gcaaaagtaa	tccatgtgat	tgatgtttat	tatgaagaaa	120
acatttaata	cagatgaacc	aggmgamgam	aatgaagtcc	atcctta		167

<210> 28356

<211> 242

<212> DNA

<213> Homo sapiens

<400> 28356

tatttttttg	aggtaggggc	tccttgtgtc	actcaggctg	gagtgcagtg	gcactctcac	60
agctcactgc	agcctccacc	tctcaggccc	aagcaatcct	tccacccttg	cctcccaagt	120
agctgagacc	acaggcatgc	actaccatgc	tggctaattt	tttattttta	ttttgtaca	180
gattgagggg	tgtccctatg	ttgcccaggc	tagtcttgaa	ctcctgaact	caagcgaccc	240
ga						242

<210> 28357

<211> 338

<212> DNA

<213> Homo sapiens

<400> 28357

ctcaaaatca	actctcttat	ggtattatat	ctctgtatgc	cattaaaaaa	cagcttgctc	60
tagaatcatg	tattttgtaa	actgatgwt	gtgatggctc	ctggttcttg	aacagccata	120
tctgaatgcc	gtgcctgcaa	aactatgaca	tttttgctgt	tttcagcctt	cagatttgat	180
ggcttgggaa	actgaggtgt	tattttcaat	gaaacaaaga	aagagatgtt	aagcaagtgg	240
ttgttttaga	tccaaatgta	aaggcagggt	tgggaagggt	tttaaagagt	tggaggaatt	300
ggggattgag	ttgtaaagaa	aacttacaga	agaggcac			338

<210> 28358

<211> 272

<212> DNA

<213> Homo sapiens

<400> 28358

ctctcatttt	gatttaaaaa	tagatgttat	aaggcagcaa	gtttgaaaaa	tcttggcctt	60
aaggtctatg	caagtaataa	aaggttctct	gaccactagt	ttaaaaagca	cagttggggt	120
tatgtgaaaa	tatgccttta	ataacattgy	atacatatta	aattttacct	ttttatagtg	180
ctttgcagtt	ttcaacattg	cttcatataa	attatttctt	cctcacaatg	attctgtgag	240
gtagcattat	tatccttatt	ttagagatgc	ac			272

<210> 28359

<211> 264

<212> DNA

<213> Homo sapiens

<400> 28359

cattgatgcc	ttcctctaac	cctaattacc	tgccaaaggc	cccaccttca	gatatcacac	60
tgggggttaa	nngcttcaac	atrcgrttt	tggggggmca	caattcagcc	cacagcaatc	120
atgcatttat	tacataatca	taatgcattw	cacaatcaac	aaaattaaca	tgartttttc	180
tggtgtcatc	taaaaatcaa	ggcatgggtg	gctcatgcct	gtaatcccaa	agtgctggga	240
ttacagatgt	gagccactgc	gccc				264

<210> 28360

<211> 296

<212> DNA

<213> Homo sapiens

<400> 28360

caatggctaa	ggcacgttag	agggggaagg	gaagctatga	aacatcctag	gaggggtttt	60
ggtagataat	tggggcatat	ctaaaagctc	agtgaggcta	ctgcagttct	ggattcgcag	120
ctagcttatt	gataagattt	ggcgtgaaga	gattgtgtgg	agtgggtcaaa	aggggtacat	180
ggggagaaga	aagattgaga	aaggaacagt	gagaaaggcg	ggagggaaac	caggagggct	240
gcgaactacc	tctacacgga	tcgtttgaaa	gtagaagtag	agtggaaacc	aggcac	296

<210> 28361

<211> 353

<212> DNA

<213> Homo sapiens

<400> 28361

aattcaggaa	aaaaggttgg	ttacatctgt	actgaacatg	tacagacttt	tttccttgtc	60
agtatttcct	aaacagtata	gtaataacaa	ccatttcata	gcatttgcca	tatattaggt	120
attgtaagct	agaaatgatg	taaagtcgta	ggaggatgtg	tatagcttat	atgcaaacwc	180
tatgccatth	catgtaagag	acttgagcat	tcttggaatt	tggtatctgc	aggggaccct	240
ggtaccagcc	ccctacggat	actgagagac	aactatattt	cctcacttcc	tggtctttca	300
gaaaaagata	taacaccgat	cccttttcctt	ttgggattta	aaagccaaac	ctt	353

<210> 28362

<211> 362

<212> DNA

<213> Homo sapiens

<400> 28362

cgtttttgaa	aaattgaatg	aaattttcac	tgtcggggga	aggcagagaa	agaggtagtg	60
agttgtatta	tatgatattg	gagrtgtagg	cagtggctga	atcctgtaat	gtttctagac	120
cagattgagg	atthttggctc	ttaccaagac	cgatgaggag	tcattttaaag	gtcctgagta	180
gaggaacaac	aagatcagat	ccgtgagtgr	aaaaagaatg	tggtattgac	aagaagacca	240
agagtagacc	agttagaagt	aaaaatgaga	aattatggga	atthggttgt	ggtaagggcc	300
agtggagagt	aaaaaaaggg	scgggtttga	gaaatgttca	ggaaaattga	ggactaggtg	360
gt						362

<210> 28363

<211> 420

<212> DNA

<213> Homo sapiens

<400> 28363

tgctgaaaca	ttgcttatat	gttcagaaaa	ttcagggagg	ttttagtcac	ctgcagaaat	60
gataatgctt	tgaaaatggt	ctacatgcta	tgcatttgct	tttcttagag	acttttggag	120
cccccttta	gggaagggtta	accttttggt	gtcattgcca	ctaccagcaa	gtacatgatg	180
gcatgtgttg	agagctgtgt	tctctttggt	ttggtttagac	atgattcctg	ccctaagagc	240
taatctcatt	tggagggaaa	tgaagggacc	aagtacagta	ttcacagtcc	accagttagg	300
actgaacaca	tagcccaagg	tgtttaagaa	gaaaaaggcc	aggcgcggtg	gcttatgcct	360
gtaatccag	cattttggga	ggccgaggca	ggcagatcac	ctgagggttag	gagtttgaga	420

<210> 28364

<211> 360

<212> DNA

<213> Homo sapiens

<400> 28364

taatgttttg	gataactgcc	aagaagaagt	aaaaatatg	aatggaactt	ctatatgagg	60
atgctgtgat	ctaaaaatta	aatctcagtg	ggcggagaga	atttgtttct	gatgccttgt	120
ctttagaata	attgtttgct	ttcagatgat	taaaaaaagg	agattgtatc	taggaaaaaa	180
gtgtgaatgc	ttcaaaggag	agatactgat	aattgtgact	tgaaatagtg	tcagatgaat	240
tatgtagctg	atcactgatg	gaaccatcta	atgaggcagg	cttaaactct	atttagttkc	300
gtttgttttc	tcatatgaag	tttataattc	ctttcagtcc	taaaatgtca	gatgccagga	360

<210> 28365

<211> 401

<212> DNA

<213> Homo sapiens

<400> 28365

catgttttgt	ttttaatcac	tattacctga	gttgaacttt	gtcaccatg	tttgtacttg	60
ttggctctgt	taatgaagtt	tggttgatgc	catcctttgc	actgccgaag	cgtaatcttg	120
tgtattactt	agctctctgc	tgatctcagt	atggacagtg	taacaacaaa	accaaagtgg	180
ctggacagac	ttcttggtgt	ttgtaaatat	aaactaggac	agttctgtag	gtttgttcag	240
tgtgctagtg	gaqtatattcc	ttaatgtaaa	acttcactta	acagagagat	tctttgttta	300
gcaagcttgg	agtgatgata	aatgggtaag	aaataatata	aatgttgaag	aaagcatcac	360
aacagaacta	taggagtcta	aatttaataa	atctttaaaa	a		401

<210> 28366

<211> 59

<212> DNA

<213> Homo sapiens

<400> 28366

aattgctcta	cagggttttc	ttttgtttct	tgtctaattc	taagcacttt	ttttttttt	59
------------	------------	------------	------------	------------	-----------	----

<210> 28367

<211> 314

<212> DNA

<213> Homo sapiens

<400> 28367

aaatgtgatg	gagagggaac	aactgtgtac	aaacatgtga	ctttacgttt	tgatcaaaat	60
aagactttta	aaaaacaaac	acttttttaa	aagaaggaaa	gaaaagtagg	aggggctatc	120

ccaggagctg	agcgttctgc	cccgccctc	tgagtcctgc	cggtttcacc	tgcccacggg	180
agccgggtcc	cctgccctgc	tgcggcgc	gctgcctggt	gggggttctg	cccaggccca	240
ctacggcctg	agttcaaate	ccgdcagcac	catttacaag	ctgtgtgcaa	gttgcttcac	300
cactctgcgc	tggt					314

<210> 28368
 <211> 196
 <212> DNA
 <213> Homo sapiens

<400> 28368	
ttaaacaggg	ttgccacatg
aaacatatgt	ccacacaaag
ccaraaagtg	gaaacaaccc
atatccatac	aatgga
	60
	120
	180
	196

<210> 28369
 <211> 376
 <212> DNA
 <213> Homo sapiens

<400> 28369	
tataagctct	ttgtatacat
caatccatt	tgaacactag
gggtatttca	accaataaat
ggcatctggg	aagaattttg
ttatgctgag	gaatagcaaa
atatcataga	cattatgtgc
attgtgtatt	atttaa
	60
	120
	180
	240
	300
	360
	376

<210> 28370
 <211> 336
 <212> DNA
 <213> Homo sapiens

<400> 28370	
atttgagtac	cgagaataaa
ctaatecttc	ccctgcccc
aatgaagtct	catgctgttg
ggaaaacagg	caaateccact
ttctgcacta	tgccctgtaa
cttagctcag	ggagctttgc
	60
	120
	180
	240
	300
	336

<210> 28371
 <211> 219
 <212> DNA
 <213> Homo sapiens

<400> 28371	
aaactaagaa	ttgaagtgca
ctataaagga	tacagttcag
ctatctaatt	ccagaacatt
catttaccat	ttctctctcc
	60
	120
	180
	219

<210> 28372
 <211> 430
 <212> DNA
 <213> Homo sapiens

<400> 28372
 aacctgacca tgaaatacac acagccatat tctgagctgc aaactaaatg aaggccttgg 60
 tgatgggaga aaaatattcg atgttctaca gccagccaag tgttttccct cccttttttc 120
 ttactactcc tttcttggtt ttgaaggcat catgtgtgtt gggaattggc aaaaaagctt 180
 attctgagta aagcaatgcc agttgttttg cagatggaag atgtgggata aaccctagct 240
 tacagatcct cccagagtac aatcgggaaa agagctttcc ttccagataa tatacctagt 300
 gagaaatctg ttcaattggg tgaggcgatc tacagtgaaa aaggggacaga gctagagggt 360
 aggaaaattt tcccctcgct ttatctatac agcagacttt tctttttctc actaabkact 420
 aacagcatta 430

<210> 28373
 <211> 307
 <212> DNA
 <213> Homo sapiens

<400> 28373
 ctgcctaccg ggttcaagca gttctcgtgc ctcaccctcc caagtagctg gctacttggc 60
 ccagctacca ggcccagctg atttttgtat ttttagtaga grwkggggta ttgccatggt 120
 ggccagtctg gtcattgaact tctggcctta agggatctgc ccgccttggg aagcactccc 180
 aaagtgctag gattacagggc atgagccaha gtgcctggct tctatttaca agttctatta 240
 ggtacttaca gaaatgtatg ttaggttttt aagaawgctg aaataggaaa gtggaaatgc 300
 tgtgggc 307

<210> 28374
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 28374
 caaacagcag tcatctcgag gcatttttatt aatatgggta caaaggattc tcaagtaaga 60
 aatattagct gtccatttag agttggctgt aaactacatt ttacagtctt ttcttgcttc 120
 cctctagggc gttgcctagc taaggcatta gttatttcta tgtctgtgac agtcttctcc 180
 caaacaataa tttcatgcc aattgtgcac gtttgtgaga tttcccagta aggatgttga 240
 aaaacagagt gcacgaataa tttttcaatg aacaagattt atacatccct gaaacagcat 300
 ttaagaacac gcacccatct aaaaatggaa aaatgcttca atatataaag caatagattt 360
 gtacatacag tttttttttt ttt 383

<210> 28375
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 28375
 ctctgctaaa aatggaaaaa ttggtcgggc gtgggtggtgg gcgtctgtgg gccagctac 60
 ttgggaggct gagaatctct tgatctctta aaccggggra gscggaaggt tgcagtgagc 120
 cgggatcgtg cactgcact ccagcctggg tgacaggaat aaacaaaaca aaacataga 180
 gaaaaatatc aaccaagccc cagtga 206

<210> 28376

<211> 243
<212> DNA
<213> Homo sapiens

<400> 28376
catttttgaa gttctcagca tcaagatggt gtgaattact caggctgtga gtgtgtagaa 60
tgagataaaa agaggatcac aaccagcatt taagggrmca gggaggaaga agaaaaaaga 120
ctaaggaaag agggtcagag atatgggaga aaaccaagag cacaggatgc cacaaagcca 180
agggaaacaa gggtttcaag aaggaataag tgccaagtgc cactgagtga ttaagacaag 240
gcc 243

<210> 28377
<211> 253
<212> DNA
<213> Homo sapiens

<400> 28377
tgtgtcttta cccaaggaac aatagataat ttgggaatct ttgaggcctt ctcagaactg 60
aggttattca gaagacagca tggcagatta gcatccaaga tggaagttgc tttggcctcc 120
acactccagc ctcccaaac cagctcttaa aatctcatgc actcttcctc ttctatgatg 180
gtctcttagc ctgtagggag ggtggctata gcttttagtag cagtacattg gcaatggaaa 240
acagctcagg ccc 253

<210> 28378
<211> 175
<212> DNA
<213> Homo sapiens

<400> 28378
gttatctggg tgtggtggca tgcgcctgta gtcccagcta ctcaggaggt tgaggttagga 60
tagcgttctt gaaccagga ggcagaggtt tcagttagcc gcaagatggc accactgcac 120
tccagcctgg gcgacagaac aagattaaat ctcgaaaaaa aaaaaaaaaa aaaaa 175

<210> 28379
<211> 80
<212> DNA
<213> Homo sapiens

<400> 28379
tttttattct agagtctgtg caagaccag acaataaaga actaccagaa aaaaagaaaa 60
aggtttaaac tttatcttaa 80

<210> 28380
<211> 228
<212> DNA
<213> Homo sapiens

<400> 28380
cgtttaactt cttgtttggt tcagtgtaat gctcttaaag tcatagcatg aaaataattg 60
aactgtccta ttcttagtag ttgaaataa tagkatTTTT ttgtatgttt tgggtgtgtc 120
tatgtatgta ttaacataac agttttcact gcctaggtgt tcataataaa aaagaaaatg 180
aaaaaagttc tgagtgtaca taatattcaa taataatctc ccacacag 228

<210> 28381

<211> 237
 <212> DNA
 <213> Homo sapiens

<400> 28381
 ttcacaattg ctcttaattc ttgggggtata gtttgccctcc tacatgatgc aattcagtga 60
 aattcccagg agacaaaaca agattttgac ctgaataaac cacttattgt tgtaattcac 120
 aagtgaagtk attttttcctg gcacacttcc aggtaatatc cattaggcta aggattttgt 180
 ttgttccactg ttctatcccc aagcctagag cattgccag tgcggaatag ctaatat 237

<210> 28382
 <211> 455
 <212> DNA
 <213> Homo sapiens

<400> 28382
 taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
 gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120
 aaagggctaa tatccagaat ctacaaagaa ctccaacaaa ttacaagaa aagaacaaac 180
 aaccccatca aaaagtgggc aaaggatatg aacagacact tctcaaaaga agatatttat 240
 gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaadc 300
 aaaaccacaa tgagatacca tkmnggcacc agttagaatg gcgatcatta aaaagtcagg 360
 aaacaacagg tgctggagag gatgtggaga aatagaaaca cttttacact gttgggggga 420
 ctgtaaacta gttcaatcat tgtggaagac agtgt 455

<210> 28383
 <211> 406
 <212> DNA
 <213> Homo sapiens

<400> 28383
 tctcaaataa gcatatztat ttcataaatc ttaatttgta taaaaataac ttcctgcaga 60
 accagcatat ccaagaggag attcaagtgg gtccacaaga agaagttggg aacttcggac 120
 actaatcagc cagagtaaag atactgcttc taaactagga cccatagaag ctatccagaa 180
 gtcagtcgga ttgtttgaag aaaagaggta ccgagaaatg aggagaaaga atatcattgg 240
 tcaagtttgt gatacgcccta agtcctatga taatgttatg cacgttggct tgaggaaggt 300
 gaccttcaaa tggcaaagag gaaacaaaat tggagaaggc cagtatggga aggtgtacac 360
 tgcacacagc tcgacaccgg ggagctgatg gccatgaaag agattc 406

<210> 28384
 <211> 74
 <212> DNA
 <213> Homo sapiens

<400> 28384
 ttggggaagt gtctgttcag atcttctgcc catctttkrt tactggagtg gtgagagttc 60
 ctrggtgttc tcgt 74

<210> 28385
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 28385

attacaactt	ttatcagata	tctttcatga	ctagaatata	atttaagcta	attattttcc	60
tgtttaaacc	taggcctgtg	atacttgggc	tgtgatcctc	tagagccagc	ttggactcac	120
atcattctat	ggggttgaag	acaactcatt	ccctctgagg	agccttgtac	atacaagcct	180
tttattttata	acttattttg	tattgaaact	tttaaacat	actgaagaaa	aaaaaacttt	240
tccgacatct	gttcttggtc	ttttgtgacg	cagggttgaag	ggggaggaat	agaaaaagac	300
aaactgcctt	ggaggagata	aaccaatttt	atgtctatca	tggtatacaa	aaatctagaa	360
ataatagatt	tgtacagaaa	aaaatgataa	taaatgagac	aa		402

<210> 28386
 <211> 271
 <212> DNA
 <213> Homo sapiens

<400> 28386	
caaaaatttt	aagcaattct
attatcaatt	cttccttttg
aaaaagaaga	aagaaaactg
tattttcacc	tagtctaata
ttttacacca	cattatgtca
	acagcatgta
	c
	60
	120
	180
	240
	271

<210> 28387
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 28387	
cattctcaga	gataaaaaga
aacggaattc	tgggtatgac
gctcagatat	attaaataaa
ccttggtgctc	tacctataag
tggagcaata	tataaagcaa
	ttaccagtga
	gacaga
	60
	120
	180
	240
	276

<210> 28388
 <211> 350
 <212> DNA
 <213> Homo sapiens

<400> 28388	
catattactt	gaaaggcaca
agtagtactt	tatctacaaa
cttcaagccc	agatagattt
tgattctgta	caaagtgttc
tgaagccagc	atagactca
aatatctctc	atgaacacag
	actaccaaaa
	ttcactcaag
	ggaaaaaaaa
	agataatatc
	aaaacgtacc
	tcaaagaaaa
	gaaatactac
	gcaacttatg
	tccacagtcc
	350

<210> 28389
 <211> 232
 <212> DNA
 <213> Homo sapiens

<400> 28389	
cccctccaaa	tctcatgttg
atattcggat	catgagggca
agtaagttct	cactcttttg
	gttcacctga
	gagctgtttg
	tttaaaagag
	catggcaccc
	60
	120
	180

ctccttctct ctctgtcttg ctccttttct tgccatgtga cactcctgcc cc 232

<210> 28390

<211> 377

<212> DNA

<213> Homo sapiens

<400> 28390

ttattattat	tattaatttt	gcgtgatgtg	aataccctct	cccatcaata	tttgtattat	60
ggtgctatat	attggtaatg	atctttaata	ttgggaagg	attttwaana	atactgtgat	120
taaactgggt	ttcttccttt	gattttcata	ttttaataa	agccacagtc	attatacaa	180
aagaaaagca	tctgtccctg	ggcaaatctt	ttgaggacag	agggtcaaagt	aaactgcata	240
agggttttac	atcattttctg	tatgtatttg	atmwatagat	caatatctgt	acaaatttaa	300
tcttttattt	tcttggtaac	tcgtgatcat	tgagaaagt	tttgaaaact	tctcatgaag	360
tgatatata	atggcgc					377

<210> 28391

<211> 74

<212> DNA

<213> Homo sapiens

<400> 28391

gmgtggggcc	acgcaasatg	gogccgtccg	ccctgctgcg	tcccctttcc	sngctgctgg	60
ccccgccag	gctc					74

<210> 28392

<211> 278

<212> DNA

<213> Homo sapiens

<400> 28392

tgtttatagg	ttttaactct	tatggttaga	atggttgtga	gtcatacwg	tgctagacct	60
ctgctaattt	cctcaggaca	cattcccaga	agtggaatta	ccaagtcaaa	gagcataaat	120
acttttagaga	tacatgataa	attgtgccag	ctacctttcc	aaaagagttg	tactagttga	180
ggttttctgcc	agcagtatat	gacagttggg	ctccatattt	taagagattc	actaatgggtg	240
tttctcaacc	ttttttttt	aaactgtgac	ccacacag			278

<210> 28393

<211> 137

<212> DNA

<213> Homo sapiens

<400> 28393

attgaatcct	gattaggact	tacgaggtag	atgttattat	cccagaact	agcctcatgg	60
ctgtgggcag	tgccacaggg	cccctcgtgt	gggttcatgc	tctgctgtcc	ctgtcttgaa	120
attcttagaa	ctttttt					137

<210> 28394

<211> 51

<212> DNA

<213> Homo sapiens

<400> 28394

cactaaaaca	aatdgggaca	gaatgcaaca	tacacatgta	ttacttttaa	a	51
------------	------------	------------	------------	------------	---	----

<210> 28395
 <211> 338
 <212> DNA
 <213> Homo sapiens

<400> 28395
 ccataatctat catatcagtt catttttcaag atgtaacagg taatataaat ttttttttga 60
 gacggagtcg tgctctgtca cggggctgta gtgtartkkg tgcsggtykc tgcttactgc 120
 aacctctgct tcccagagttc aggcaattct ctggcctcag ccttctgagt agctgggact 180
 acaggcatgt gctggctggg tgttgtatct ttagtagaga cgggggtttca tcatgttggc 240
 cgggatgggc tcaatctctt gacctcgtga tccaccacag ttggcctccc aaagtcctgg 300
 gattacaggc atgagccacc ataccgggcc tttttttt 338

<210> 28396
 <211> 446
 <212> DNA
 <213> Homo sapiens

<400> 28396
 cagataatca cagattttctt ttttagacaa cgctccctac atctcaatag ctttaacaaa 60
 gaatgtgtca gagggccatc tttttgcac tctgggttct gcagggcctg ctgcaggaat 120
 tgggtgtccac aggggggttct ggagccaatt ctccacagat agtgaggtag ttctcctgtg 180
 gtcacacacc tcgggaccc tccacagccag gtgtgtgggc agacgagaga gtgtgggtcat 240
 gctacagata gcttggcatt gacgttcac acttttagccc gtattccgtt ggctgaact 300
 gaggcatacc atgccgtgag gtcagcgaga tgcaacggag tgtgggcagt gtcctcccg 360
 atgttcagaa gaaaaggrrc ctgctgaaca catgcagtag tttccaccac tattaatgrc 420
 cgtaargcaa tgaatctaaa tagtga 446

<210> 28397
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 28397
 caccttagca gtttagttta tggatgggtt tcacagagtt acaaccgat ttatccacag 60
 gtggttttcc tactcttara aacagcacct gatcaaacag aatttttatt tgtcactaaa 120
 tctgcaggca actgttcttc ctgctgtgtt tctcttttct tttccacata cacattaagg 180
 ggactgggga gtgcccgggg aagagtttga tattttgcat attaaaattg cacacatgac 240
 atgtttggaa ggaaggatgt agtcactcaa tgcaaatatt tttttcaaat ttgtctttct 300
 caatgctttt tatagtaaaa gcatcagtga aaacacccaa tcagcatatc ttaccacact 360
 tgctggtact gtagaaaaag c 381

<210> 28398
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 28398
 catcgagttc ctgaagacag cccatgagat gtggnhccht cccactcacc cccacactta 60
 tctaccaccc acccgnyng gccccctgtg ccctacagct gagagaggac ccagcagaag 120
 ggagggcggc tactagcac acccctgcat ggactgggtg ccctgttctc catgtgaggc 180
 ctaatgggaa ggagttcatt gccatgcttt ggcaaccagt acgtggctcc tgcttgtcat 240
 ggcagccaga gggaaactga ggcacagaac ctgctagaat ctgggaaagt tgaaaatact 300

cccaggaacc ttttctccta acctaaccac tgggcatttt tgaggacgat tcaacagtag 360
aaggaggga ccttgaggaa ggt 383

<210> 28399
<211> 344
<212> DNA
<213> Homo sapiens

<400> 28399
tggcagttta aaatatatat aattaataaa acctgtgctt gatctgacat ttgtatacat 60
aaaagtttac atgaatttta caacaaacta gtgcatgaat tcaccaagca gtactacaga 120
acaaaggcaa attaaaagca gctttgtgaa cttttatgtg tgcaaaggat caagttcaca 180
tgttccaact ttcaggtttg ataataatag tagtaaccac ctacaatagc tttcaatttc 240
aattaactcc cttgggtata agcatctaaa ctcatcttct ttcaatataa ttgatgctat 300
ctcctaatta cttggtggct aataaatgtt acattctttg ttac 344

<210> 28400
<211> 280
<212> DNA
<213> Homo sapiens

<400> 28400
tttcaagtat cacaagcagc ctcttttcct gagtagttga gatgttccta ttgcagttat 60
gcctgcgtta atttctccct ttgvgtgagc cgttttcctt ycccaaactc ctgattttat 120
gatcacaagc ccagcccagg atggcatttc actgagcaga ggggtctaag tgttggtggg 180
atgaggtgga gggctgggct ccatagacca taactgaccc cattgggtgct gcctctctgc 240
atggtaccat ctcccaagta cctcactcag aagtggttat 280

<210> 28401
<211> 342
<212> DNA
<213> Homo sapiens

<400> 28401
caataatatt agtattttat gtgcttattg atcattcaga tatcttcctt ggtgaagtat 60
ctgttaaaat attttgcgca tctttactgc aacttttgct ttccttttga gttatcagag 120
ctttctaaat attccagatt cgagttcttt gactgaaata tgtattatag gtaattcctt 180
ccaccaacat ttatcctttt aatggtatat atttaacaac attttttagt cttaaaaaag 240
tctaatttat gttttttctt ttgtgtttcc tgatttcatt tgacatataa aaaactttga 300
atttaactga ttttttaaat attaatctgt attccgtgac tc 342

<210> 28402
<211> 55
<212> DNA
<213> Homo sapiens

<400> 28402
ccccattcca tcattcctcta tccccacccc agcttttttt tttttttttt ttttt 55

<210> 28403
<211> 55
<212> DNA
<213> Homo sapiens

<400> 28403
 ccccatcca tcacccctcta tccccacccc agcttttttt tttttttttt ttttt 55

<210> 28404
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 28404
 cagtgttcag aacccatgaa aataaggcaa ctgtgaccag ctccagctga tcaaacctcc 60
 attgatccct acacaaccgt aaagccaggg gccctggggc taactaatta actgatttca 120
 atcctcagtg ctcttcttta ccacctatgg cctagaaaga agactccact tctcagtgcc 180
 tcattgtcct catcatcvtt attccagtct gttctctgag aggcttttgt aaacttttaa 240
 agttctacca aggacatgac cctcttctgt tcacaaatct ccatacatcc caggacactc 300
 agattgaagg cacaaccctt aagacaacca atacaggtgt gactctggct catcttcagt 360
 ttttacta 368

<210> 28405
 <211> 283
 <212> DNA
 <213> Homo sapiens

<400> 28405
 cttaaataat tagagaggtg gctgggcacg gtgggttcag cctataatcc cagcacttcg 60
 agaggccgag gcaggtggat cacaagggtca ggagttcaag accagcctgg ccagtatggt 120
 gaaaccact ctctgctaaa aaatacaaaa attaaactgg tgtgggtggg gatgcctgta 180
 gtcccgagta cttgggaggc tgaggcagga gaatcacctg aaccaggag gtggaagtgt 240
 tagtcagccg agattgtacc actgcactcc agcctgggca gac 283

<210> 28406
 <211> 208
 <212> DNA
 <213> Homo sapiens

<400> 28406
 tttttttaat ttgcgtatgt cgaaccagcc ttgcatccca gggatgaagc cgacttaatc 60
 atcagtggtat aagctttttg atgtgctgct ggatttggtt tgccagtatt ttattgagga 120
 ttttcacctc aatgttcatc agggatatgg gcctgaaatt ctcttttttt gttgtgtctc 180
 tgccaggttt tggatatcagg atgaggct 208

<210> 28407
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 28407
 taaaccactt aaaaaaaaaa ggaggaaatc ccaaactttt cagacaagga aaaagaaagt 60
 tccctataag agagaataaa ttatatgggc ataaatcttt catttacaac actggatgca 120
 agaggaaaat ataacagtat aactggattt ctataccag ccaaactatt gttcacttca 180
 aatggaaata caaaataggc acttatcact aacttgata gtttatcatc tttaatctgt 240
 aactgaaaaa atcactagaa attgtacttg aaaaaaaca aacaaacaaa aaacaarccc 300
 argaggaaga tgtgaggtaa aaggmga 327

<210> 28408

<211> 275
 <212> DNA
 <213> Homo sapiens

<400> 28408
 tgtcttatcc tggccctggc cagacgtttt ctttgatttt taattttttt tttttattaa 60
 aagataccag tatgagatga aaacttccaa taatttgtcc tataatgtgc tgtacagttc 120
 agtagagtgg tcactttcac tgcagtatac atttatctac acattatata tcggacatat 180
 aatatgtaaa taaatgactt ctagaaagag aaatttgttt aatttttcaa ggtttttttc 240
 tcttttaatt tgggcatttc tagaattgag agcct 275

<210> 28409
 <211> 453
 <212> DNA
 <213> Homo sapiens

<400> 28409
 taatcgaaaa attgggatct aagtaaacta aagagcttct gcacagcaaa agaaaccacc 60
 gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120
 aaagggctaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
 aaccccatca aaaagtgggc aaaggatatg aacagacact tctcaaaaaga agatatttat 240
 gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaata 300
 aaaaccacaa tgagatacca tctcacacca gttagaatgg cgatcattaa aaagtcaggv 360
 aacaacaggt gctggagagg atgtggagaa atagract tttacactgt tggggggvct 420
 gtaaactagt tcaatcattg tggaagacag tgt 453

<210> 28410
 <211> 187
 <212> DNA
 <213> Homo sapiens

<400> 28410
 caagaattgc ataaaaaaca ttctgaacag aaaagcacaa cctcaagatt cagagggaaa 60
 agaagaaaac gctccagaaa agataaattg aagaatgava aagaattaca tagtgaaccg 120
 tcctcaaattg aaaccagtg gaaagagctt actcagtatt ttggagtcaa tgatagattt 180
 gaccgcg 187

<210> 28411
 <211> 351
 <212> DNA
 <213> Homo sapiens

<400> 28411
 ccattcttgt tcaactgtgt gtctcaacca tcttaatagc atgctgctcc tttttgctca 60
 gtgtccacag caagatgacg tgattcttat tttcttgagc acagactatt ctgaggcaca 120
 gagcggggac ttaagatggg aaagagaaaag catcggagcc attcmwtccg grgaaamcgt 180
 ttkgatcaaa tggagacttt tgtagtcgtt tcaaaaagagc acctgagtca tgtgtattcc 240
 cggcctttat aaatgacccg gtcaagttgg tttcaaagtc cgacaggctt gtctgtttac 300
 tagctgcgtg gccttgagc ggtggctgac atctgtaaag aatcctcctg t 351

<210> 28412
 <211> 393
 <212> DNA
 <213> Homo sapiens

<400> 28412
 aaacatttta gagttgagag actcatagca gtcataataat ctagcagtaa caaatagatg 60
 tcctttcttg tgcctattca aatgaattga cagtaactgt ctggagttat ttaatgtatt 120
 gtttggaag aatctgaggt ctccagtaca acaggraaga cagcygggtgk ttkgtagccct 180
 ccagtacaac aggaggggta gagaatgaat gctagaatgt tgccagccct gatctagccc 240
 cactgcctca ttccacaggt ggaactaaag cccagctgaa tgatttggtc ttgctttctc 300
 cttctactcg agatagaacc aggacctgaa tccaggccta cttgtttcta gtcattgctg 360
 ttttcaactat aaccaggtct ctcatatccc tgt 393

<210> 28413
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 28413
 ctcaaaactcc tggccttgat tgatcctcct gccttggcct cccaaagtgc tgggactaca 60
 ggtgcatgca accacacctg gctaattttc ttttcttctt tctttctttc tttt 114

<210> 28414
 <211> 355
 <212> DNA
 <213> Homo sapiens

<400> 28414
 ttatggctct taggagagag gaacgatgtc tgcaaaagtc aactgggttg gggacgggtg 60
 aattattctt tcaaattagc aatcattatt tggacaactt ggattttgtc atgaggggtg 120
 gagaggagca tttagaggcc aaagtattgt tcaaaagaag attggggaaa aacagctgtg 180
 gcgataaag ggatgcaagg gcaacagtgg aaaattctca gcccttaagt gtctcttaca 240
 agacacaggc ctggtagaaa cattttcctt tgtccgtgac acttggtcca agtcagctgg 300
 actggcatat tccattggaa ggttgggatg aagtttaaaa tgttgccata gctac 355

<210> 28415
 <211> 503
 <212> DNA
 <213> Homo sapiens

<400> 28415
 taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
 gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120
 aaagggttaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
 aaccccatca aaaagtgggc aaaggatatg aacagacact tctcaaaaga agatatttat 240
 gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaatc 300
 aaaaccacaa tgagatacca tctcacacca gttagaatgg cgatcattaa aaagtcagga 360
 aacaacaggt gctggagagg atgtggagaa atagaaacac ttttactctg ttggggggac 420
 tgtaaaactag ttcaatcatt gtgggaagac agtgtggcga tacctcaagg atctaaaact 480
 mgaaatacca tttgaccag cca 503

<210> 28416
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 28416

tatccagagt	caagattctc	aaaccacacg	tgctttgtta	aagctggcta	taaggaaaac	60
tggttgcttg	gctttttcat	tgagtctata	caaactgctc	aaaagaatga	ctcttaatga	120
aagcctgagt	gacctcaaa	ttaggaaatt	ctctcccaga	taattgagaa	gtggccttga	180
ctgtaccagg	tcacacgtgg	aaataagtac	aaaagtaatg	actaaaatag	gccaaagtga	240
ccgagcactt	tgtacatagg	ggt				263

<210> 28417

<211> 244

<212> DNA

<213> Homo sapiens

<400> 28417

cactgtttctt	cattgtctga	tatcaaattgt	cttggaacaa	gttgtttcat	atattttgcc	60
aggtttttag	ttgtttcaga	taatatagta	agttcagtea	ttcttactcc	atcattgcca	120
tgcacagaag	tcgtccatat	aggttttatc	tggcctatat	gtaagtaagg	caagccctgt	180
tatttagcac	tactctctgg	ctttgaaggt	cttggaatgt	attggaaaaa	tattggagtc	240
atgg						244

<210> 28418

<211> 341

<212> DNA

<213> Homo sapiens

<400> 28418

aattacagac	tctcaagaag	ttacaataat	agtacaagga	agtctcgtgt	actcatcacc	60
tggtcttctg	caataactac	agtacataag	caaaaccagg	acattgagrr	tacaatttag	120
ctagagctta	gaccttactt	ggattttgcc	agcctttgca	tgcatgcatt	tttcttgtgt	180
atgtttttgt	gtatagctcc	atgacatttt	acctcctgta	gaaaggcgta	tcgtcaccac	240
caccaagaca	cagaactgct	ccatcacccg	aaagaaactc	ccttaggttg	tccttttata	300
gtsaccccg	ccttctctcc	akttccttcc	ctcacccag	c		341

<210> 28419

<211> 482

<212> DNA

<213> Homo sapiens

<400> 28419

ccatgaatcg	catattcttt	tctttgccac	tttttctctt	gtgatgttga	tctttttctt	60
attaatttat	atgagctctt	tatttatatt	ttattttttg	aaacaagggt	tcattctgtt	120
gccagggctg	gagtgcagtg	gcatgatcat	ggctcactgc	agccttgaa	tcctgggctc	180
aagcaattct	cccacctcag	cctcccaagt	agctgggact	acaggcacat	accaccaagc	240
ctggctaatt	taaaaatttt	tttttggtag	agacggggtc	tcctgtgtgt	gccagggctg	300
gtctcaaaact	cctaggtcca	agtgatcctc	ctgccttnnh	ttcccaaagt	gctgggatta	360
taggcatgag	ccaccawgtc	cagcctatga	gctctttata	tattaaatca	ttaaccctat	420
catttggaat	attgctatcc	agtattagtt	tttaggtggt	tagacttatc	agactttctt	480
ta						482

<210> 28420

<211> 179

<212> DNA

<213> Homo sapiens

<400> 28420

agataagctg	attggttcca	gccacttgac	atgcaacagt	cacgggcaag	ctgcgtgtcc	60
------------	------------	------------	------------	------------	------------	----

agaataggaa ctgaataaga aggcattgcta tcatagcaac cctgctgagc atttgaaagc 120
cgtaagatgg ggtatagaag aaccttcaaa aaattcccca actgcattca ggcagatcc 179

<210> 28421
<211> 505
<212> DNA
<213> Homo sapiens

<400> 28421
taatcgaaaa attgggatct aagtaaacta aagagcttct gcacagcaaa agaaaccacc 60
gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120
aawgggctaa tatccagaat ctacaaagaa ctccaacaaa ttacaagaa aagaacaaac 180
aaccccatca aaaagtgggc aaaggatatg aacagacact tctcaacaga agatatttat 240
gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaadc 300
aaaaccacaa tgagatacca tctcacacca gttaagcatg gcgatacatta aaaagtcagg 360
aaacaacagg tgctggrmr gctgtggcgm mctagacaca cttttact gttgggggga 420
ctgtaaacta gttcaatcat tgtggaagac agtgtggcga tacctcaagg ctctaaaact 480
agaaataacc catttgaccc agcca 505

<210> 28422
<211> 223
<212> DNA
<213> Homo sapiens

<400> 28422
gtatgataaa gcaagcataa tcttagtttc agctctgccg tacgatagct tactgggctt 60
taacaagtgt ctggacctaa gtttcttcat ttgtttactg agaggagtg atccaaatga 120
ctcaaaaaga ctctcctatt caaaaataat cattctatca ttcttcagaa tgacatcaag 180
ttgttctggg taacatccac ctttaactgg agaaacactg cct 223

<210> 28423
<211> 275
<212> DNA
<213> Homo sapiens

<400> 28423
tagagagtag atttggcaca tcttttctta gtcttttgat tcaaattcaa aacttaacag 60
cacaaccag gtcagagtta ctttcgggta gaatttattg ccatttattc ctttttataa 120
atttctatag attatactgt tatttttatg ttattggcct agagctacac gtatatgggt 180
ttgtcctgag tccgttttca aatgaccttg tgataggaa atggttttgt ccatgttctt 240
ggaaataactt gtgtatgtac agaaggaagg gagga 275

<210> 28424
<211> 176
<212> DNA
<213> Homo sapiens

<400> 28424
ctcagtcctg ccctgctcaa cctctagagt ttagtcttag atcagatgct tttgactctg 60
caaacttggt atttaaggct ttctggatgt gtacactggt gggtgagggtc atagagggtc 120
caatattgag gagactgctg atactggatg ttgtctcctt gatttttttt tttttt 176

<210> 28425
<211> 250

<212> DNA

<213> Homo sapiens

<400> 28425

tattcaattt	gttctaaaca	gcctctctgt	gggaaaggga	gctttgaaat	gagtgtagag	60
taaaatcatt	gtgtgctagg	gattgagagc	ttggcttttag	tgctctcgta	agcactctgc	120
catggcactt	gctgtattat	actgcagtta	cctgcttttc	tgtctgactt	caactgacat	180
gcacaccttt	aggtatggac	cctgtcctac	tcactctgtgt	atccttagaa	cataacacac	240
tgccagacaa						250

<210> 28426

<211> 404

<212> DNA

<213> Homo sapiens

<400> 28426

taggaaaatg	tgtgaaagt	tcgaacctcc	cagagacttg	ttgaatggct	ttgacaaaaa	60
tgctgatagt	gatatgaaca	ataagatcca	ggctgagggt	gtctcagatg	gagatgagga	120
acctattgag	aattggaaca	aagggtgactc	ttgttatggt	ttagccaaaa	gactgtggca	180
atttgcctt	gccttagaga	cttgtggaac	tttgaacttg	agagaaatga	tttaggatat	240
gtggtggaag	aaattttctaa	gcagcaaagc	attcaagagg	tgacttgggt	gctgttaaag	300
gcattcaatt	ttaaaaggga	aacagcataa	aagttcagaa	attttgcagc	ctgatgatgc	360
agtagaaaag	aaaatcccat	tattttttgag	aggaaattca	agcc		404

<210> 28427

<211> 220

<212> DNA

<213> Homo sapiens

<400> 28427

gaaatacagc	tagaaciaag	gggaggaatg	agaagtgatg	tgatggcgtg	gagtgggctg	60
tagtggggaag	aagagtcttc	cagggagctg	gcacagtatg	tgaaaacagt	aaagcaagtg	120
cctggatttt	ttaaggaact	gaaaatttag	ttgagttgaa	atttagagtt	tggttaggaa	180
ggttatgaga	gataagaata	aagagttaac	agcagccaga			220

<210> 28428

<211> 407

<212> DNA

<213> Homo sapiens

<400> 28428

tccaaaaaat	ggtttttaac	aatgcttaac	taacagcatg	tttttcttaa	tttgtatttt	60
cagtttagaa	tgcttttaac	tttatcaaca	taattagtca	ttgagaactt	ttctctgtat	120
ttttatttwa	tatgtactgc	gagtaaacia	agtcctatat	tctgaaagg	gacacgtaag	180
ggagagttga	agaaaatgat	aaatattgaa	gaatgtaatt	aacatgttga	gagtttgcac	240
tcctgttgta	tcagattgga	gctattttat	agaattggat	ctaaatgaag	tatacatatt	300
atggatgcta	aaaatactct	ttagcaatgt	ttctawtcag	wnngcatcaa	tcawtagaga	360
aaagctatta	aaggttgcag	tgtgaatcac	cagttggraa	aagagaa		407

<210> 28429

<211> 148

<212> DNA

<213> Homo sapiens

<400> 28429
 cttaatggat gttagtgtag gtaagcatta ttaattactt tttgtgtatt tagcaatata 60
 ggaagttatt tattattatg tcataaaact catagagcta ttcataattaa aagtgggaac 120
 ataataattg tctttttttt tttttttt 148

<210> 28430
 <211> 260
 <212> DNA
 <213> Homo sapiens

<400> 28430
 cagaaaaagt gcctgttctt tttgaagtga gtgtcttcaa gagtgcaggg aagacgatat 60
 cttaaaggaag atagaaagtg acatgcatta agttgcatct tgggatcttt cttggccttc 120
 cctgtctttt cccattctca taaatgtctt ccttaaaagc ctcaatgtgt ggtagtcaag 180
 cagcagcatg agttagaaat ttattttcaa tagataatgt gcttttgagt taattatcca 240
 aactgaccaa gttatgcccc 260

<210> 28431
 <211> 302
 <212> DNA
 <213> Homo sapiens

<400> 28431
 atcatttatg tcacttcttt gatgtacgtt agatgggtgtg aatgggtacta gaaatcctga 60
 ctgttcagag gaactgggtg gcaccctttg gcagatacag tcaagggtcat gggttcccta 120
 atcatgaggt ccagtctggc cagtgtatcc tgtttaacct caggcttctg gccagtcacc 180
 tgccaatagg tacattaaac accaagttag agaaggttgg tttgacttaa ctccatccca 240
 actcttagaa aaagttagcc aaagtctagg cccagtggat gttggattat caaagggcag 300
 gt 302

<210> 28432
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 28432
 ccacttgtga gaacgtgtgg tatttggtgt ttgtttctgc attaatcac ttaggataat 60
 ggcctctggc cacatccata ttactgcaaa atacatgtta ttttttttaa tagctgtgca 120
 gtcttccatg gtgtatatat aatgcatttt cttgatccaa tccactgtta actggcacct 180
 aagttgattt gtgtccctgc tgttgtgaat agtgctgtgg tgaacaaatg catgtgtctt 240
 tttggtagaa cgagttatag tcccttgggt atatagccag tagtgggatt gctggatcaa 300
 atggtagttc tatttttagtt ctttgagaaa tctgcaaact gttttccaca gtgactggac 360
 taattttacat cccacc 377

<210> 28433
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 28433
 tgtcagatgt ttcactgtaa tggaattttc tttacatcag tgaaattgat taccaggtag 60
 tgggatgaac atctgaaact agttcttagt ttaagttgtc tgagtttttg tgtatacttt 120
 acctattccc agtttaaatt ggctttcaaa cagtttcttt tctgggtact cttataggtg 180
 ttggggatg aaattagtgg taattckttt tgcttatktt cttttttttt gtctgagata 240

ccctgagtct	cgctctgttg	cbcagactgg	agtgcagtg	cacaatttcg	gttcaactgca	300
acctccgcct	cctgggttca	agtgattctc	ctgcctcagc	ctcctaagta	gckggaatta	360
caggcgtgta	ccaccttgc					379

<210> 28434
 <211> 255
 <212> DNA
 <213> Homo sapiens

<400> 28434						
aaagcacatt	ttaaactccta	ttcaaagtgt	gaaaaagaag	cgaaatgtga	acggtatttc	60
ttgggaacgg	aggtattaca	ggacagcaac	tgctaaagcc	tctcaaagct	ccaagggtag	120
aacccagctc	catcttgaaa	cagaaaagga	atcccaacca	cacaggcgcc	ctgcagtagg	180
aaccaaggac	agccctgcag	aagtcattgac	gtaacctgaa	gtttgattta	aacagaaaaa	240
agaacagcag	cccat					255

<210> 28435
 <211> 381
 <212> DNA
 <213> Homo sapiens

<400> 28435						
ccaatgatga	ctgtcctgga	tatgctttct	agtagcaggt	gaaagcatgg	atcttttagtt	60
tcgtttcttc	cctgtaccca	ctgtgtttta	gargctttgt	wgggggtag	ggtagaggaa	120
gttgagawn	catggagtgg	tgaaggtcta	gtagtttgcc	acaggtgaaa	caagaagtat	180
gtagagtgtc	atttgtgtgc	atgtgtggta	agctacttgt	cgattattct	cagatgttat	240
tctcctaact	ttattcagat	gactgtgagg	aaatggttgt	attacttatg	tctttctctg	300
gtataaataa	acaaaattag	ctgaaacaga	aggagatttg	ttgcctgrtg	caacatgagg	360
ctcaagagta	gttgratcta	a				381

<210> 28436
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 28436						
tgtcaaagt	tttttctgc	atcaattgag	gtgatcgtgt	ggtttttgc	tttcattctg	60
ttaatgtgg	gtattttgat	gattgagttt	tctgtgttga	accattctkt	caattccagg	120
tagaactttc	acttgttcat	gatgtataat	ttgctactat	tttggtgaga	atgtttgcac	180
caatattcat	cagggatatt	gccctatagt	cttatattac	agcctctttg	gctttgggat	240
tagagtaatg	ctgtcttcac	agaatgagtt	tggaagtgtt	cttcaatttt	ttttgaaaga	300
gtttgaagat	gattgggtgt	aatttttaaa	tgtttggtag	atttctccag	tgaagtcac	360
ttgtkcctgg	gctttwctt					379

<210> 28437
 <211> 204
 <212> DNA
 <213> Homo sapiens

<400> 28437						
catgtattaa	ttcctactct	gtgccagcta	ttgtgtgtat	caaagaaaga	ttcttaactg	60
tcaaggagcg	tacagtttcc	tgcaagtttc	cctccagtc	cccctcttct	gagtagggta	120
acattgagtc	atccacttcc	cccaaaggtc	ccacacctag	gaattccacc	cagtgccttg	180
gcatctcagc	agttttaccc	agga				204

<210> 28438
 <211> 221
 <212> DNA
 <213> Homo sapiens

<400> 28438
 tgaaaagtgt atttttggag atagtcaagc atttagaagt gcagtgaact tgctgtcacg 60
 gagtaaaatg ctaattatgt ttcactttcc tagcctagtg aaaaagaaaa gtgctcttga 120
 gtacaatacc ttaattatit cttaaaatac tgactttgac ctagctcact gtatttttta 180
 tttaatggat tatggattac agtatitttc ttctgagtta c 221

<210> 28439
 <211> 281
 <212> DNA
 <213> Homo sapiens

<400> 28439
 cctgttctgg accccactca aaactggcag ctttttgggt cgcttgataa atgagccaga 60
 gtaacgcacc cagatgagga atgtgttgcc tccagaatcc taattggccc actaggcggt 120
 gtgcctcttt cttgattgta ggaggggcca aatgcagcaa cttctccttc accttagaag 180
 gaatacctta acaggcctaa caccactaga cccctgtaaa ttttaccag gtagaagttt 240
 cctgaatttt agtcaaattt atttcccatc ctctggcama c 281

<210> 28440
 <211> 327
 <212> DNA
 <213> Homo sapiens

<400> 28440
 ctcgaaactcc tggcctcaaa tgatccgccc accttggcct cccaaggtgc tgggatgaca 60
 ggcgtgagca ccgtgcccag cctgattgac aatggcctct tgaaggctgg gttttcccag 120
 ccggacagtg cccgccccac atgctccact cccacgcttt catctgcagg cctgccttcc 180
 tctcakmcac ctactgctg agctctgtgg tagagaattt cctttacca tcagggtatg 240
 gtctggctgg taatactgac tccaaccag ctcttcatt ttatagaagg aggcatttct 300
 gaatcatgtt tggtcaccat ggcgagt 327

<210> 28441
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 28441
 cccaccacca ataactttta ggggaagaga agctggtttt ttccctaaac atgtcttta 60
 aataatgata cactgtatit attaattctt gatgcaaaaa aaaaaa 106

<210> 28442
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 28442
 ccaagadaac aaaacaaaac aaaattattg ctttgtgggt tagggttaac aattttattt 60
 aaaaaataaa aatatttgtt ataatatit atgttgactg ataagta 107

<210> 28443
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 28443
 cactaaatgg gatttggat gcatgtgggt gtgtttgaga gtttgtcaga attatcgtgt 60
 agtaacatta gatatgagat acctttgaga gttatgggct tgaaagataa ggtgacttaa 120
 atagactttc tcaaaagaat acatagatac atttggccaa caagtttatg aaaaaacgtt 180
 tgacatcact aatcatcagg aaaatgcaaa ttaagatcac aatgagatgt catctcacac 240
 ctgttagaat tactattatc aaaaagatga caggtaacaa gtgttggtga ggatgtagag 300
 aaaaggaaat gctggtatac tgttggtggg agtgtaaatt agtgcaacc 349

<210> 28444
 <211> 441
 <212> DNA
 <213> Homo sapiens

<400> 28444
 cactcaatth ttacgctgtg ttccggatgc tgctccgcct gccacggacg tgcagccgtt 60
 aaaatattaa tgtctggcat gtggcaaaaca ttkaaaatat gctgagactt gggarctgtt 120
 gagctggggc ttgttgacac accgcctcac ctgggtgttg tttgctatgt aaatgccaaag 180
 gattcctccc tgaagatgga acctgcactc ctcttctcac ccctcatttc ctctgggac 240
 taggttggtg aagcagtttg tgcccatccc aggattgcct cgctgggcca aaggggtgtg 300
 ttttasgtgc cagttgctag ggggcatttc aaakgggctg gtttcagggc atsrtcaatt 360
 acagcaaccc cccagatgtg cctcgagtvc vagcwggtgtg ccagsactgg gcttggcatt 420
 gtgggagcgt gagtatgggg t 441

<210> 28445
 <211> 402
 <212> DNA
 <213> Homo sapiens

<400> 28445
 ttaatttagg attttttccc tgtataatat tatttggtta gcaacttata acttttatgc 60
 tttaaataag cttaaattat ttcacatcat acttctgagg agactttaac accgtcttat 120
 ctcttgagga aattgaaaac aaatgcagag aggaatacgt aatacgtgca tttaatgtgg 180
 gttttggtct tatatattgc aattctgttc tgatttcagg ctgcggtgtt attgagcagt 240
 ttctttaaca cctgcagcat ggttaatatata cctgttatta ttaatgctgt ctcttgctga 300
 ggcttcctcc ctagaacttt tgctaactta agcaaataag aaatttatgg agaagatatt 360
 gggtagctca aagaatcaaa gtaagaacct aacaatcagt cc 402

<210> 28446
 <211> 88
 <212> DNA
 <213> Homo sapiens

<400> 28446
 catctatcta cctgtccatc atgtaccatc tattcaccca tccatccatc tcatccatgc 60
 atccatctgt ccatccattc atckatct 88

<210> 28447
 <211> 233

<212> DNA
<213> Homo sapiens

<400> 28447
cctttaacat tgagatacaa ccaagttggt acttgtaaca attttttggt tgtgtgtttg 60
tttatttatt ttgagacca gagtctcact gtcgccagg ctgcagtga gtggtgccat 120
cacgcgtcac tgcaacctct gcctcccgga ttcaagcaat tctccacctc agcctcccaa 180
gtagctggaa ttacaggtgc ctaccacat gcctgcctaa tttttttttt ttt 233

<210> 28448
<211> 346
<212> DNA
<213> Homo sapiens

<400> 28448
caagtgaatg agctgttgat atcctgtcag tttagtcaaa atatattgta tcttaaaaaat 60
gtatttagac taacgtctac atgtattttt acggaattcc tgtccagatc tgtttattct 120
tttacagtat taaatgattt tcactaatat attttttact gctatcatct aaatcagtgg 180
gccatggaag aaacctcata tatcattcag ttcaatccca ttgcttcaga atcagatcat 240
agcatatcta ttctaagtag angaatgctt ttttcctttt cttgaaagtt tctctttcaa 300
atagatttca ggctctaga gtctttcaac cctcacattc argaat 346

<210> 28449
<211> 62
<212> DNA
<213> Homo sapiens

<400> 28449
aatacaacca gttcactggt tttgtaatgt gtctttttat ttttaatttt tttttttttt 60
tt 62

<210> 28450
<211> 54
<212> DNA
<213> Homo sapiens

<400> 28450
aaaagtaaatt tttcctgtgt gtctagtcaa gcaacacaaa caagatgctt tttt 54

<210> 28451
<211> 317
<212> DNA
<213> Homo sapiens

<400> 28451
catcctagat cttttaagat ttaaccatta gccatcttgg cctggctaata gctgagtga 60
attctctcac aggcaaaaaa ctggggtaag taaaatttcc actcccatcc ccagattgcc 120
ccagctgtgg gttctgtggt cctaattgga caacatagag aagctcgaaa taagtgttga 180
gtggccgggc cctccagaa ggaaaacatg aatttagaaa gcttctggag agggttgggg 240
taggatgggg agaggttgca aataatgaaa taaacaccag tcccaaatgg gacctgcagg 300
cctcvaggga tgaacct 317

<210> 28452
<211> 318

<212> DNA
<213> Homo sapiens

<400> 28452
gatagcactg tttaaaatgg cggcttcaag gcgtttcacg ggtgtcccgg acaggcgtgg 60
aggtggggcg caggcgagga tgaagcttga gttggscagg agtcggaaaa cgattgcagg 120
cgggaccgcg tccgtcgggg ctgaggaaac ttagcgtggc agaccctaaa ctgggataac 180
tttagggata tggccttctt ttcccagttg cctcaaactt agagcagcgt cgtcttttagc 240
cgaagattca ttttcccagc attttccttc tccaggcgga gtagttggag acagagggca 300
agccagaaac tgaccttc 318

<210> 28453
<211> 425
<212> DNA
<213> Homo sapiens

<400> 28453
tgattttctaa ctgcttccta tgaatttaat ttgaaactgt taactgttct tctccctctc 60
ccttgaccca gtagctccta ggatagtagt gtttaacta attctaaatc agggatgact 120
tttttagcagt attgttatta ttattattat tattattatt ttgagatgga gtcttggctc 180
gtcaccaggc tggagtgcag tgggtgcgac tcggttcact gcaacctccg cgtcccgggt 240
tcaagtgatt ctccctgcctc agcctcctga gtagctggga ctacagggtc atgccaccat 300
gccagctaa tttttgtgtt tttagtagag acagggtttc accatgttgg ccaggatggt 360
ctcaaactcc tgacctcgtg atccgcctgc ctcggcctcc caaagtgctg ggatcatagg 420
tgtga 425

<210> 28454
<211> 422
<212> DNA
<213> Homo sapiens

<400> 28454
taatcgaaaa attgggatct aagtaaacta aagagcttct gcacagcaaa agaaaccacc 60
gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120
aaagggctaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
aaccocatca aaaagtgggc aaaggatatg aacagacact tctcaaaaga agatatttat 240
gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaadc 300
aaaaccacaa tgagatacca tctcacacca gttagaatgg cgatcattaa aaagtcagga 360
acaacaggtg ctggagagga tgtggagaaa tagaacatt ttacactgtt ggggggactg 420
ta 422

<210> 28455
<211> 68
<212> DNA
<213> Homo sapiens

<400> 28455
aaaaagacga gagttcgaac tcagcaagtt ctcatcgaag cagctttctt ttttcttttc 60
ttttcttt 68

<210> 28456
<211> 324
<212> DNA
<213> Homo sapiens

<400> 28456
tgaatagtta ctttgtgcta agcgctatgc tgtgttaact gaaataactt gatgcagtaa 60
ctggattaaa tccttgcaaa taattacagg cacacagata aagtagtgat ttgtttttct 120
gatgtggctg gatggagtca gggcccagaa ataagaaaac caaggtagtt caaataaaac 180
atggactgaa atctagaagt acagagctat ttataaaaac ttatacttta atttcaatca 240
ctccattttg atagtaaatt ggttggtata ttccattgac ttggaggaa aatgatgagt 300
tgaatatccc actgttgacc acta 324

<210> 28457
<211> 227
<212> DNA
<213> Homo sapiens

<400> 28457
gatctcagct cactgcaagc tccgcctccc gggttcacgc cattctccgg cctcctcctc 60
tccgagtagc tgggactaca ggcgcccacc accacgcccc gctaattttt tgtattttca 120
gtagagacgg ggtttcacgc tgggtctccat ctctgacct cgtgatccgc gcgcctctgc 180
ctcccaaagt gctgggatta caagcgtgag ccaccgcccc cggcctt 227

<210> 28458
<211> 308
<212> DNA
<213> Homo sapiens

<400> 28458
ttccttccag tctatcctgt gtaaaattac ttctacttc caaaatgaga aatactgggt 60
ctctacttaa atttgtaacc taaatgcctc acacctcatt ttctgaacaa ataaagccca 120
aattcagtggt cttttttgat aggatcctgt cctgaccttt ccaaactctga tgctagagcc 180
ttgtgtaccc tgagttcagc caaactgaac tcttaatgggt cccttgctcc atactctccc 240
cttgctcatg cttttattct hctgggtctga ttcatctttg catcttaaca gtgtatagca 300
tggtgctg 308

<210> 28459
<211> 246
<212> DNA
<213> Homo sapiens

<400> 28459
attccattcc attcctttgc aatcgagttg gttccattcc attccattcc attccattcc 60
attccattcc attccggrtg attccattcg attacattcc gtkccattac attcccctgc 120
actcggggttg attccattcc attccattcc attccattcc attcgattcc attccaatcc 180
aattccttcc attcctttct attccgtacc atttcattcc attccatacc gttccattcc 240
aaagcc 246

<210> 28460
<211> 379
<212> DNA
<213> Homo sapiens

<400> 28460
tgtatatgat gtcactgtga cctctttgaa atatagtgat ggcttttacc tactttgaaa 60
agaattttca catagagtca gaaaaaaaag ggaatatyca aawcacttgc ctttccactt 120
ggagagcacg acagttgcca acaacaaggg gtcaagggcc gcacaggaga tgtgtggggg 180

cctggccacc	tcccacctgc	tgcccagagg	cttgtttgca	ttttcatttt	ttctccactt	240
gtaacaacca	tagtttcagc	tcctaaattc	ttatcatgga	tttacttagt	catcttaact	300
gacctgcagt	tacttgcttg	ttttcagtga	agagagagaa	gcagctctgg	tgccacatgc	360
cagtgccatg	gagggatag					379

<210> 28461
 <211> 259
 <212> DNA
 <213> Homo sapiens

<400> 28461						
agaaaaacct	aagcatagcc	cactagtttt	tactgtttcc	tttattatat	tgcaatctgc	60
aaaactat	gtattcagcc	aagtatctwt	gtccagtttt	aataaaatag	tagcctaagc	120
ttacaaaata	gacaaattaa	gcagcaactg	ttgattctga	gtaagtctgt	atgctatcaa	180
gaacacaaga	atgcaggatc	atgggaaatg	cacgcaaatc	ctgttgaagc	aatgcatgct	240
tcaacaacca	ccgaccacc					259

<210> 28462
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 28462						
gattaagctt	atctctggtt	tggttcagatc	tgagactgta	tcctgtgggt	tctgctctag	60
ttacggggtc	tttcattaca	tgaggctgtc	atctttacct	gtgcatctat	atagcagaaa	120
ataagattta	acactttttg	ggtgaaaatt	tggaataaac	aaaaagtta	aagaaaaaat	180
atcaaatgt	atctataact	tcactgccag	aaataatcta	ctgttcttcc	cggcccc	237

<210> 28463
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 28463						
aacatactgg	cactgcccac	agaggacagc	tctgtcattg	gtggtacgtg	gacatcacca	60
agtgcacgc	agcatctcct	tcagtgtgtg	tgggcatggg	ggccagagct	aggctgcaaa	120
gtctcctctg	gaagaccggt	gtgtcaaaaag	agcagggtgat	gggcatagac	aggtaagct	180
cagagctggg	gcctctggtt	cccccaaggg	aggattgggc	tgtgagtga	gcatggaaa	240
cagtgcgatg	agaactaaag	ggtccatgaa	ccccatcagg	atcccccaga	agggaagggt	300
atatatagtc	agaggcaaga	aacaatattg	gaaaagtgtc	agaattatag	atggtgtgac	360
aa						362

<210> 28464
 <211> 386
 <212> DNA
 <213> Homo sapiens

<400> 28464						
aatgatatta	attgaatcaa	gctgcaaagt	aactagccct	accacttatg	tcttgatga	60
agatgaacct	cgattccttg	aagaagtga	ttacagtgc	gaaaagtaat	gatgagttag	120
atattgagtt	ggctgaaaat	gtaggagatt	atgaaccttc	tgctcaagaa	gaagtacttt	180
ctgactctga	attatcaaga	acatacctac	cttgagccc	ctgccatctc	ttgttaactg	240
caaagaataa	atgaaatc	ttggttttta	tttcccagga	agcdtgagag	aatgagttt	300
atacagagct	gactcaaaaa	gacaaaaagt	aacttggggc	agtttgggtt	caagataata	360

aatktgttat taattaatga taaaat

386

<210> 28465

<211> 250

<212> DNA

<213> Homo sapiens

<400> 28465

atgtagagtc	tggttagact	ccattcccct	gccacccatg	gaccccaggg	atgcaggata	60
agtgtgatac	cagcagagat	ttcctccagt	tctctgacat	ctattartag	atgatarcag	120
caacttctag	actctctgga	ctatagctac	agtagtcaat	ctgaaagtta	catgcatccc	180
ctgattttct	ttttgttagc	acccaattcs	statatttga	tccctttctg	cttgaatac	240
ctagaatagt						250

<210> 28466

<211> 234

<212> DNA

<213> Homo sapiens

<400> 28466

caggatttga	ttaatagtag	ctatttctaag	tattttgaat	agaatcagaa	tgtagggat	60
gagagatgta	cattactatt	gaaaggactg	ggcagtgaag	gtcaagaaga	ccactgctga	120
ctttcaggaa	atctaaaagt	ggaatagggt	accacattgt	gggtgggaga	gaagcagtgg	180
ccaagaatgg	tgtttataac	cacagagggt	aaagagaatt	tctgtatagt	gagt	234

<210> 28467

<211> 79

<212> DNA

<213> Homo sapiens

<400> 28467

tttatcactt	ccccccattt	tgtttatcaa	tctcacaaaa	acctagggtt	tcctatcccc	60
tctttttttt	ttttttttt					79

<210> 28468

<211> 346

<212> DNA

<213> Homo sapiens

<400> 28468

ttgaagtcca	tttcagctgc	atattgagtg	aagtttctag	cttaccaaaa	ctacaaattg	60
ctactttcag	agttgcttgg	ggatgtagtc	aacaacatgg	ctattaggta	tacaaatgtt	120
aaggatttgc	tacataagac	actgtgattg	ttttagatca	tcttacaatc	tagttgaggt	180
aggactaacc	tgaaaataag	ttgtgcatag	agcagtgagt	gccaatttta	gtgataaaga	240
tagtaattgc	tgtgggatct	tgatggtggt	ggtttgctgc	gagtgtatgg	cactaaccct	300
acccaatccc	tctccacttc	ttggccttgt	ttatgcagat	aaacaa		346

<210> 28469

<211> 211

<212> DNA

<213> Homo sapiens

<400> 28469

taggaatata	gaatttgaaa	gtgattcaca	gtgatgaaac	tacaagcctc	tacagagttt	60
------------	------------	------------	------------	------------	------------	----

gtctatTTTT	ttctgtTTTT	ttttaatgta	atntagcata	tcacattgtg	agagactatg	120
tcacaagatc	ttcttgaatt	aatgcaaaaa	gatgtaacta	cgagtgataa	ggtattggtc	180
ctggactcaa	tatttatgat	gatgtgtggt	g			211

<210> 28470
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 28470						
acaattattg	ttagggaaat	atTTTcccc	caacgctagc	attacccatt	ggttagcact	60
attacaagta	tagTTTTctt	tgatcagact	tttctatgta	tcctgaaagg	aaggtagtgt	120
tattttatTT	atcttacaga	tagaaaaagta	aacagggaaa	taaagtaatt	tattgcagtt	180
catacagctg	gcaaagggtg	gggcttcaac	tgaaataggt	ttttattatt	gcgataacag	240
tgactgttaa	aacaaaagta	caaggctc	aaagtcctc	ccagaagttc	cacacaaaac	300
atgcaatgac	cagnvtatgg	gcagactctg	tggtctgcgt	tctatttcat	attgaattta	360
ggccgggcgt	ggtggctcat	gcctgtattc	ccaacacttt	ggga		404

<210> 28471
 <211> 496
 <212> DNA
 <213> Homo sapiens

<400> 28471						
tttattgact	ctgtaatcag	atagaaaaaa	caacttggtt	tgtgtggtat	gacttataaa	60
gaaatgatgt	atatttgtta	ttttgttacc	ctttagattg	tcagagactc	ccccaattta	120
atcaacaaag	ttttataaag	taaatgaaaa	tattaataga	aattagttta	tttacttgg	180
tcttataact	gatatctctg	tgcttttata	attgtgattt	gttttttyst	yttttttctc	240
yatttttcyst	gaacagtttt	aatgttcggg	tttggtgttt	tacactgaaa	tdacatatata	300
atTTTTaatt	tatttcatac	aggcaacttg	catttttaaaa	aatacacttt	gaagtattatc	360
atcttgaaat	tggggcttac	gttgtttatc	tgtcttgagc	attagtactt	tatgactttg	420
gccttatggc	aacatcatga	ttattaatcc	gtcagccttt	aatgtggtca	ctgtttctta	480
tccagaccgc	actgcw					496

<210> 28472
 <211> 262
 <212> DNA
 <213> Homo sapiens

<400> 28472						
ctttccaggt	gagggggcct	agctcacacc	cagagctgga	ccagggtttg	gccactgggg	60
ctacccggac	cagctgacgt	tgtgcttttc	ctccttaggt	cttgtaagta	gggtttgcga	120
actcagatgg	ctacagaagc	cagatgagaa	attaaaatga	gagccaggaa	ggggatatgg	180
tcagctgaag	agtgaatgcc	attcctactc	agctgttacc	atatctttca	ggttttcttt	240
tctttttttt	tttttttttt	tt				262

<210> 28473
 <211> 294
 <212> DNA
 <213> Homo sapiens

<400> 28473						
agatacgtgt	ggtgggcttg	ctggagaaat	aggctcttct	cacgtgagaa	cagcatcctt	60
ccaatctaga	gtccttggtc	ccaggaagtg	gtggtggctc	taccctgggtg	ctatttcatt	120

agtgaagggg ggggtggtgg aaagtgcaga aaaggcagga cccctgacac cagcaaggca 180
 ttggatctct ctggacctcc ggggtggtga ctttgggact ggacagacct ggtcacagtc 240
 taggttctac atcttactgg tcgagcaact ttaggcaagt agcttaactc ctcc 294

<210> 28474

<211> 248

<212> DNA

<213> Homo sapiens

<400> 28474

gttctcaact tgctccttgg ctgttctcct gacacttaag tcagagcatt ctgtagctgt 60
 attttacaga actgtaattg cacagattgt tcctcttaca agagaaatat ccagagctct 120
 aagaaaacaa ctgatgaaaa cgacatgcgt gacatttggg gctgaagacc caggtcagag 180
 agactccttt gggggaccag tccgctgtcc ttgccctcac tctgtgagga gaccaccta 240
 cgacccca 248

<210> 28475

<211> 75

<212> DNA

<213> Homo sapiens

<400> 28475

aacttcacgc tgrtgtatgt atacaamatg acagtttatt tatttattat ggaatagaga 60
 cattttcagt gacca 75

<210> 28476

<211> 66

<212> DNA

<213> Homo sapiens

<400> 28476

agaascasat tatatagtat cccgggcgcc tgtgtcttct tacacttctc ctttttctc 60
 ccgct 66

<210> 28477

<211> 267

<212> DNA

<213> Homo sapiens

<400> 28477

tatggatcaa gaaactgggt gggatgagac ctggagacca ggaggccaca gcctctctct 60
 ttgacagtct ccatactggt ccaccttccc cccactkgcg tctcatgctt ccccttgga 120
 atttttgatg ctattgttat tttatgtgtg tgtatgaaag ggatggagca gttttaaagt 180
 atgatttaat gatgaaaata aaaccactgc cttgagaaat atagactatt aggtgagtgc 240
 aaaagtaatt gcagttttgg ccatgac 267

<210> 28478

<211> 392

<212> DNA

<213> Homo sapiens

<400> 28478

tacaatttac aagtacagt tcttaccaat gtcattttcc ctcatatttt attatgaaaa 60
 ttttcgaata tccagccaag tataaagaat tttataarga gcacatcact taggatctat 120

cctaccatta	acattttaat	attacttgct	ttatcatata	gctatccatc	catttaaatt	180
gcagatacct	gtacactttc	ctttaaatac	tttggcatgc	atgtcattga	ctagagtttg	240
ttgacggttt	attttgatgt	aaaatggaat	atataaacct	ttaagtgtac	gttcactgat	300
tttgactaat	gcatacacct	atacaatcca	acccctacg	aagatataga	acattactat	360
atcagtgtca	tttgtgatga	gtctttcaca	tt			392

<210> 28479
 <211> 343
 <212> DNA
 <213> Homo sapiens

<400> 28479	
tatttacgtg	gccaaacaaac atgaaaaaaa gttcatcact gatcatcgga gaaatgcaaa 60
tcagaaccac	aatgagatac catctcacac cagtcagaat ggcgattatt aaaaagtcaa 120
caaacaatag	atgctggcaa ggctgtgaag aaataggaac gtttttacac tgttggtagg 180
aatataaatt	agtgaacca ttgtggaaga cagtatggcg attcctcaag gatctagaaa 240
cagaaatccc	ataggacca gcaatcccat tactgcatat atacccaaag gaatataaat 300
cattctgcta	taaagacata tacacacaaa tgtttactgc agc 343

<210> 28480
 <211> 51
 <212> DNA
 <213> Homo sapiens

<400> 28480	
tggtgttttg	aggmatataa aacaaaagac aaaacttttt tttttttttt t 51

<210> 28481
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 28481	
tatagatgac	ggtttgatg cctgttaact tccaagtaga gatgctgaag aggtagttgg 60
gatttttttt	ttttt 75

<210> 28482
 <211> 316
 <212> DNA
 <213> Homo sapiens

<400> 28482	
aaataataaa	gatggctctc taaagaaaca tctgaaatta gtagtaacat gctgtaatat 60
tattttccat	tgactgtagc caagggctc tgctagnrc ccatgrgaac ttkgtgtkct 120
tgagaataag	acacctttgc tccagggctt agtgagcagg gcctgaactg gagttccctc 180
ccaccacctt	aactgaactc ttcatgcagg acacagcatg tacaacctca catagagttc 240
ctgatcagac	aagacttgct ggaaatttcc caggatcttc cttccttaag gtaggagttt 300
ataataggtt	ataatt 316

<210> 28483
 <211> 58
 <212> DNA
 <213> Homo sapiens

<400> 28483
ttctcaggtg tctctcacgt gtcctcaggt gtbctcagg tgtctctcac gkgctctc 58

<210> 28484
<211> 209
<212> DNA
<213> Homo sapiens

<400> 28484
tttcccaact ccattttcac ttcttagagg caaccctttc agcattttta gctgtttctt 60
tttttttctt ttcttttctk ttctwttttt tgagacagag ttctgtctgt cgcccagget 120
ggagtgtagt ggtgcatct cagctcactg caacctccgc cttccgggtt caagtgattc 180
tcccgcctca gtctcccagg agcctgtaa 209

<210> 28485
<211> 271
<212> DNA
<213> Homo sapiens

<400> 28485
cattcctcaa aaaatagatc tacccttaaa ggacaaagat ttaccaacac tgaagaccct 60
tacaagttga cagtttctaa agagggttct aggaatgttc tgtgtaaggt cagcttcact 120
ggaataaaca tacatcttcc caagggtgact acttcaaagg caacactacc cattcgggtg 180
cagaaattac cgtacttact ctgccataaa tgtaaaatgt gtataaagtt aagctattgc 240
attttttcat aacacattta aatagaaatt g 271

<210> 28486
<211> 338
<212> DNA
<213> Homo sapiens

<400> 28486
catcaatatg aatctcctgg aaggtttctg hnngggtttcc ttttttgtgg gtgtcttcct 60
aacaactaat tacagtggct cnaaagaact gatactgtca ttccagvatg agctaagaag 120
gcctthnnnc atctaaactc tgamatagta ctaattttta gtntcagga cttgggttatg 180
gccaaacatg agtgtttagaa ttatgcatca aaaatcchd gattttgtgc aagtggcttg 240
aagccattgg atttaactca gttcagatac aggmncattt ggctctagaa ttggattcag 300
gtccctcttt ttcccccca tccacagtcc gtccactc 338

<210> 28487
<211> 385
<212> DNA
<213> Homo sapiens

<400> 28487
tagtttatca ggtaaagaca aaacaaaaca aacaaaaaga aaataggctt aataaaatgt 60
gaaattatta aaattcctca ttaaatcctt cttgttcccc agaaagtcta ggtagaaagc 120
agctatcttt gatgacagaa tgataaagaa acccaccttt ctcccaacaa tccataaaca 180
ccctgaggta agaaaccacc tcctaattct cgatatatcc ctggtaccta tcccatgccc 240
taacaactta caggcaatta gcaaatactt tttgaaataa catacagatg aaatgattga 300
ctaacagact gdgatttccc aatcgttggg taactattta aactatattt gaatctcaag 360
tttgcaaaaa tgggttgcca cttat 385

<210> 28488

<211> 240
 <212> DNA
 <213> Homo sapiens

<400> 28488
 ttttattgaa tgtgtaggct gtaatctttc accagttttt aaaaatttct tacctatttc 60
 ctcttggaat acaacttcta ctctgttctt actctttctc cttctagaaa tctgatttca 120
 tgtcttgcaa cttttgattg tgcttcacga gcattcagtg accttatgta attttcggtt 180
 tcatattttt gttttctgca tctttcagtt tgtgtatatt ctatatatac gacttcacct 240

<210> 28489
 <211> 105
 <212> DNA
 <213> Homo sapiens

<400> 28489
 caaaaattag ccaggcatga tggcagatgc ctataatccc agctgctcag gaggctgagg 60
 caggaagaat tgcttgracc tgggaggcgg aggttgcrgt gagca 105

<210> 28490
 <211> 365
 <212> DNA
 <213> Homo sapiens

<400> 28490
 atttaacata cataagaatc tagggaagga agacataaat gatttagtta ctttttattg 60
 agtactgcc aaccacagaga taaacacttt acacattatc tctgatattc tgagaaagtt 120
 gtttttacct gttttgcaga taaggaaact gagacacaga atagtaactg gcctaagggt 180
 acatagctag taaaaatcag agctagattc agatctgggt cttcctgact ccaaagacaa 240
 gactcttcat tctatcaccc tgtctcacia aagacttgcc caaggctacg ahgcaaggca 300
 gtgactagag tccagacatc agaactagtt ccatgttttt tttttcacta ccagtcccca 360
 ggccc 365

<210> 28491
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 28491
 cattagcctt gtttggaac ccgttgcata gtgccatcaa ccaactgtcta acactatgaa 60
 agaattatgt gaggttctta aagcccagga tatctgtcat tgcagaccct gaattgtgtg 120
 gtgcactgcc acatcatctc acttcaataa atatactctt accttctgt atgtcaagat 180
 tgaatgaaag gtgagactaa ttgcagtggg tcttagtcat ttaaaaactag atatgghmaa 240
 aatatacrgg agaaattact aaaggattcg cagttttttt 280

<210> 28492
 <211> 86
 <212> DNA
 <213> Homo sapiens

<400> 28492
 agagtgaaca ggcaacctac agaataggag aaaatttttg caatctgtcc atctaacaaa 60
 gggctaatat ctagaatcta caagga 86

004220" 666E1560

<210> 28493
 <211> 409
 <212> DNA
 <213> Homo sapiens

<400> 28493
 cttaatccct cttgatggag gtgaggttgt ccagggttca ctttgattg ctgtgggagg 60
 aatgtgcaag agctctaact tggtaggtaa agtctattgg tggaagccta agtdcttcta 120
 gcatgcacac ccccttcac tttggtgatag agggacacga aaaagtgtaa tttgtctaag 180
 ttagacattt tctatatgtt aagcccataa atattttacc ttctctttat tcaactcatca 240
 aatattcatt gagttgctgc tcagcatcag gtgcagcagc gagegcttag tctctgtcct 300
 cctgctgcag cagagagtac ggtatgggaa agagacagag ccagttattt cacaagcaag 360
 aaccaattaa agctgtggcg atttctgtgg tggagaagtg catttgga 409

<210> 28494
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 28494
 ctaatgatga gtcttttgca gtagactcag tatatactgt tttcaaatat attgctgtaa 60
 tggcttgcta atatctcaga ctttttcttt ctttatcact ggagtgcacat ctaattttts 120
 atkktgttaa cctgtctgct tgtctggcc 149

<210> 28495
 <211> 318
 <212> DNA
 <213> Homo sapiens

<400> 28495
 caagattaga tctgtgctg aaaaagaaac caagaaaaaa gatgacattc cagaagaaga 60
 caaaggaaat gtaaaacaat gtgaaatcaa ttatgtaaag aaatttcaga gcttccaaga 120
 ccacaaactt aaaataagta aagaagagag taaaattcct aaaaaggctc agaaagatgg 180
 atttttgcag gagacgcttc tggacaggcc gaagctggac tgtactgctg ccactctcggc 240
 tcaactgcaac ctccctgcct gattctcctg cctcagcctg ccgagtgcct gccattgcag 300
 gcacacgcca ccacagcc 318

<210> 28496
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 28496
 tatattttaa aggaattaca ctgtatgtat ctgcttctgc aacttacttt tttgatgtaa 60
 cattgtgttt ttgagatttg tccatactga tgtgtggggc tgtttattca tttttcactg 120
 ctctgtagtt tacaatgggt tgagtttatc agaatttttt tatctgtgat ggatatttag 180
 ctatccaaaa taatactgct ctgaaccttc ttgtacatgt ttcttggtg catgcaaaag 240
 aatctttcta ggaagtatac ctaggagtgg tatatttaact atgtatatatt ttctgcttca 300
 ctggctaatt ccaaattatt ttctaaattg tttcatgttt ttaccagcag ggtataaggg 360
 taca 364

<210> 28497
 <211> 237
 <212> DNA

<213> Homo sapiens

<400> 28497

tcagaagtcc	acagtccaaa	gtctcgtctg	agacaaggca	agtccttttc	acctatgagc	60
ytgtaaaatc	aaagacaagt	tacttcccag	atacagtggg	ggtgcaggca	ttgggtaaat	120
acaccagtgc	caaaagagag	ccgccagcca	aaacaaaggg	gctgagagcc	ccaggcaggt	180
ccaaaaccta	gcaaggcagt	cactgaattg	ttttttgggt	tcttcttttt	tggtttt	237

<210> 28498

<211> 360

<212> DNA

<213> Homo sapiens

<400> 28498

ccacctgctt	aatttggctg	caggaagcta	gcaaagtaca	ttgtatcatg	gaaaaatcta	60
gttaaggaag	gaagtgtttc	caaatacagt	ttactacttt	grtaggaaat	acagtcctta	120
ataagacagg	ttttttgccc	aaggatctcc	aggctcttcc	ataatttctc	caaagcccag	180
cgctctgcat	atatcttcc	agttcttcc	tcagaaaacc	taaatgatgc	aaaatgatac	240
cacagtgttg	aatgtttgat	tttaagggtg	gtggatttaa	taaggaaaag	atgttttgcg	300
tctttttcat	tgatcgctta	ggcattcttg	cttttttgat	tgatttttaa	cctgggtgga	360

<210> 28499

<211> 338

<212> DNA

<213> Homo sapiens

<400> 28499

tacttcagca	aacaaataag	ttgcataaag	gttatataca	gagtaacgta	tataaaatat	60
gtatgatatt	ataccattta	tcaraagctt	graargcaat	gataaagttt	aaattcttga	120
attggtagta	atagtgtaaa	aacataggaa	ataaatatca	aattcaagat	tatgcttgca	180
tctttggaaa	gaatggaatg	naatcagggt	atagctcaca	aaggacatca	tctgtatgtg	240
taatcaattt	tcataaaaaa	caaaggggaag	taagtatggc	atagttttag	atttcagtac	300
agctggattg	ggagtccaga	gataggatat	ggaggttc			338

<210> 28500

<211> 55

<212> DNA

<213> Homo sapiens

<400> 28500

gcattccggt	ccattccatt	ccattccatt	ctattcgggt	taattccatt	ccatt	55
------------	------------	------------	------------	------------	-------	----

<210> 28501

<211> 162

<212> DNA

<213> Homo sapiens

<400> 28501

cattaatttt	gaattagatt	tatatatttc	tatatggaat	ttcagttcta	gcaccatgtg	60
ttgaaaagac	tttgctttca	ttattggatt	gcttttggtg	cctttgtcaa	aragcaratg	120
ncagtgtgta	tataaatctg	tttctgagcc	cctctgtttt	tt		162

<210> 28502

<211> 358

<212> DNA
<213> Homo sapiens

<400> 28502
ctttttaaatt tgctgggtgaa aacttgccac tagatggcag tgcctgtata gatggggaaa 60
aaattgccac cattcttgggt ataatacagt gtagcttaga tgagggtggg aaataggggt 120
atcagccgaa tattcctaatt atagtttctc ttgaattaat aaactgaaga tttgtaggaa 180
aatgagttag caaaatttgt ttactgttgt gaatttttcc tttttaatct tgggtgttttc 240
caactttctg tactaataga tacatttctg tgcataagat tataaagcat atactcacag 300
ttcagtagtt ttcgttaagg atttactgtg tgagtacttt actgtgagga attgcaga 358

<210> 28503
<211> 317
<212> DNA
<213> Homo sapiens

<400> 28503
cattttttttt ctaagatata atctcgctgt gtcactcaga ctgggggtgcc atggcacgat 60
cacaacgcac tgagacctgg agctcttaga tcaagaaatt gtccctgcctc agggcctcta 120
gtggctgaga ctacaagtgc atgccaccac accagctatt ttttttttcc catgtagaca 180
gggtatcatt ttgttgccca gacttatcgt gaactcctgg gccaaagcaa ccatcctgcc 240
tcagcctcct aaatagctgg aattataggt gtgggccacc aattctggct tcatgttcat 300
ttcttcdtgc cgacgta 317

<210> 28504
<211> 356
<212> DNA
<213> Homo sapiens

<400> 28504
cacgtgatct cattgttcaa ttcccaccta tgagtgagaa tatgcggtgt ttggtttttt 60
gttcttgtga tagtttactg agaatgatga tttccaattt catccatgtc cctacaaagg 120
acatgaactc atcattttat atagctgcat agtattccat ggtgtatatg tgccacattt 180
tcttaatcca gtctatcatt gttggacatt taggttggtt ccaagtcttt gctattgtga 240
ataatgccgc aataaacata cgtgtgcatg tgtctttata gcagcatgat ttatagtcct 300
ttgggtatat acccagtaat gggatggctg ggtcaaattg tatttccagt tctaga 356

<210> 28505
<211> 117
<212> DNA
<213> Homo sapiens

<400> 28505
ctaggttctt ctagtcagta tttctggaca taaggccggtt attacctttc tacgagtttt 60
gtctctgaca cgcacgcaca cacacacaca cacacacaca cacacacaca caccct 117

<210> 28506
<211> 233
<212> DNA
<213> Homo sapiens

<400> 28506
aataaggaaa gagagcaaga taaagcccca gctccagctc cctccagggc tgaagtttctg 60
gactgacctc tgccagagacc attccaccct ccaagcccag ccctgcctgc cctgggctgc 120

gagtatgaga gagctcaggg cagacaaaac gcccctcaca cttctccctt tctttcttcc 180
acctccctgt cctctatccc gtagaacagt ggtccccatt tttttttctt ttt 233

<210> 28507
<211> 395
<212> DNA
<213> Homo sapiens

<400> 28507
caataaaaa tagttttaaa ttaaattttac attgctagca ccaaactact tgtgtggatg 60
tctgaaaaat atgtttttac ttgatataac cataattatg catttaaaaca aattttatcc 120
taattactaa tgttctggct ctaggcaatg ccttggcctt gataagatcc ttaaaagata 180
aactataaaa ctagaaaaag aaaaaacaga aagtcccat accacagaca aatctcaa 240
ctgtggacac ctctttgcaa tctcaagtct tgctcaaagg tataattatk cttttaaata 300
cagaccacta gtcttgcaaa aatatgtgag taattccatg atccaatata gtataatcca 360
ccatgatagg gcagagaaag gctgctagag agaca 395

<210> 28508
<211> 359
<212> DNA
<213> Homo sapiens

<400> 28508
ttcttgctct gaaatgttaa gctctaactg atccatttct gtgtccttta gcctagtatg 60
tctgaacttc cattcttggt atatatttaa actttccctc tatattatag gttttgtggc 120
atccacggtc aggtgtagag gaagctgccc cttgcagaac tgtactgtaa ttttttctt 180
ttataaatat ttccacagga ctgattgtac acagggcttg taataaaatt ttaacactgt 240
gctgtgaaac aactatgggg aatctccatt gaaggctact tcatgggcac ctgaaagtgg 300
agtgttatag ctatgacttt ctatttcttg tttcctaagt aaattaaacc taattttca 359

<210> 28509
<211> 245
<212> DNA
<213> Homo sapiens

<400> 28509
tggaacggaa tgtaatgaaa tggaatggaa tggaatcaac ccgagtgcag gggaaaggaa 60
tggaatggaa tgcaatggaa tggaatcatc cagaatggaa tggaatggaa tggaatggaa 120
tggaatcaac tcgatttcaa tggaatggaa tggaatagaa tggaatggaa ttaacaagaa 180
tagaatggaa tggaatggaa tagaatggaa cagaaaggaa tggaatggaa tggaatggaa 240
tcaac 245

<210> 28510
<211> 365
<212> DNA
<213> Homo sapiens

<400> 28510
cagactcgag attttccttt ctcttttacc agctgacctt tcctatgtat tataaatatt 60
agactccgta aacaaacttc attttycttt ctctgtactt catgctgcat ttttaaaagg 120
tataaacaac cagagactga attaatgaa tcagtaatta cttttttcca atacaaattg 180
gaatgcagaa tacttggaac ttgtacatgg ggaataaatg acttatcact acataatgtg 240
ccaatgtttt tttctatgtt ttgtacaaa aatggaaaaa tatgacaatd ccatgcaaag 300
aaatgtatct aaattatttt tgtagatga taagagract tgcdtggcca ggrcagcagc 360

cagcc

365

<210> 28511
<211> 339
<212> DNA
<213> Homo sapiens

<400> 28511
ttcctattcc gttccctaaa tattttcccc agtccacgaa gagaggtctt caagagccta 60
cagggctcta aggacacagg ttctagtrat ggatagttaa cagttagctc caagtgaat 120
gatgttgtct tgggggtaca aacatgtttg tctctcaaaa tgaggaatag ttacgagagt 180
agatgatagt gattttcttg cgtgacatcc tacctcttgc tttttaaaat atttctccca 240
aatatgaatt tggcaagtgc cttttaaatg cvttattgtc aacaaatagt ctcattcagt 300
acatgttcag aaaccgcatg gtggattwat ggatcttta 339

<210> 28512
<211> 303
<212> DNA
<213> Homo sapiens

<400> 28512
caagatgtta ataataaggg aaactgtgtg tggaggggag ggcataatag gcatctttct 60
gtgtcttctg ctcaattttc ctgkyaagtc traaactctc taaaaagtaa agttggttgg 120
gtgcagtggc tcatgcctgt aatcccagca ctttgggagg ccgaggtggg aggatcacct 180
gaggtcagga gttcgagacc agcctggaca acatggtgaa actccatctc tactaraaat 240
aaaaaaattg gcttggcgtg gtggtgtggg cctgtgatca cagctacttg ggaggctgag 300
gca 303

<210> 28513
<211> 262
<212> DNA
<213> Homo sapiens

<400> 28513
tgaatgtggg aatcatcaga tagtctaggt ctgtggaagt gttagaaatg attttacttg 60
actttcatgg atcagcctaa ctttgaaatt aacactgtta tattctcttt gcctcattaa 120
gaccaaatta tctttaatta gcttcacata agtattagat attataccaa atgaaatttt 180
gtgtctgctg ctgagattgc tgggtgggta aatckkactt acagrtgagt tgtkkgcat 240
gtgtgttttc aaattagcaa at 262

<210> 28514
<211> 176
<212> DNA
<213> Homo sapiens

<400> 28514
ctagtctttg agttcccaca caggtgactt tactaacatt tctttytgta ttttaaaaat 60
agtccactca gtccaggtgc agtgectcat gcctataagc ccagcagttt gggaggcmaa 120
ggtaggagga tcaattgasg ccagggggtt gagaccagcc tggcagcata gcaaga 176

<210> 28515
<211> 286
<212> DNA
<213> Homo sapiens

<400> 28515

catggaattg	tcaaaagtac	aaactgacag	tgtgtatatt	taatttaaag	acttatttaa	60
aaactcacaa	gctctcacct	agactttgga	gagcagtctg	ttttctgtaa	tgtctgatac	120
tagaaactaa	tttgcttatt	ttagttgtat	tcaagatttg	aagatgtatt	ttatagacaa	180
gttctgtttt	tgaactttgt	ggaactgttc	caatcaatca	atttcccagt	tatgatgagt	240
atttacatta	tgaatgtata	acccagacat	gatttgtaaa	gccgac		286

<210> 28516

<211> 228

<212> DNA

<213> Homo sapiens

<400> 28516

taacatttta	aaggaagaga	cttgaggctt	ctgatgtgtg	aaccataaca	atccaccagc	60
ccctaaaaca	ttgctctttg	gagtcttggt	ttcagtagtt	cagagctatt	cttctgtatg	120
tctgtgtggt	aaagtagaca	taacagaaaa	tgtaccatct	tcaccatatt	taggtggaca	180
gttgagtggc	attacatgca	ttcccattgt	tgagtgaacca	tcacccca		228

<210> 28517

<211> 238

<212> DNA

<213> Homo sapiens

<400> 28517

tatatatttcg	gaaagcttgg	aaggtagtat	tgctttggga	aagcttagtt	attctttata	60
agggcaatga	ctcttacagg	ataggtgtaa	acagtgatac	tgcaaaactc	tgagaaagga	120
tacttcttga	gggatatcta	attgtgataa	tattttccat	tcatcgtctt	tggaaaaata	180
taatctagtt	ktgttgaaat	aggaatatta	ttttckagat	attttatttt	tccaaaga	238

<210> 28518

<211> 275

<212> DNA

<213> Homo sapiens

<400> 28518

tctttgtgtt	gggaacataa	taattcttct	tttgtagcta	ttttgaaata	tacagtaa	60
tattgggaaa	ctataatttc	cctactccac	awtttttctt	ttgtgaatta	aaaaagcttc	120
agagtggtag	gactcgtggg	atgttgattt	ttgtcttttt	ctttgctatt	taggatgagc	180
tgacaactac	caagaggagt	tacgaggatc	agttaagtat	gatgagtgac	cacctgtgca	240
gcatgamyga	gacattatct	aaacagagag	aagtc			275

<210> 28519

<211> 54

<212> DNA

<213> Homo sapiens

<400> 28519

caccacagtc	agtttttagga	cattttttagt	attccacaag	aaactccatt	cccc	54
------------	-------------	-------------	------------	------------	------	----

<210> 28520

<211> 125

<212> DNA

<213> Homo sapiens

<400> 28520

aagtattgtt	ctgttctttt	tgtctggatt	cagttcagca	tcaggatgac	tttaaagcca	60
gagcaccaca	atgttgattt	ctatttagct	cttaagccta	ttataatctg	agtgtttttt	120
ttttt						125

<210> 28521

<211> 373

<212> DNA

<213> Homo sapiens

<400> 28521

ttatagaaaa	taactagaaa	tagaaggaaa	ccactctata	ataaggccat	atgcaaaaat	60
ctcacagcta	acatactcca	tggtgaaaga	ctgaaagctc	caacatcagc	aataaggcag	120
caatgcccac	ttttgccact	tatagccaac	agagtattgg	aagtgttagc	cagagaaaat	180
aagcaagaaa	aagaaacaaa	tgccatctga	atgggaaaaa	gcgaagttaa	ctgagtttgc	240
aggtggcgtg	atcttaaagt	tgggaagacc	taaagactaa	acacacacaa	acctattaga	300
actagtatat	gaagtcaaca	cacagaaatc	agttgcatat	ctatacactt	aacagtgaac	360
aatcctaata	gaa					373

<210> 28522

<211> 409

<212> DNA

<213> Homo sapiens

<400> 28522

cacagcagca	aattagacga	aaggacccta	gttgaagtat	acagatttta	tttttatata	60
agatatttgt	ttagtatcaa	grmagdgggt	tacrtackgw	raaacratgt	aactgggaat	120
agagagattt	tatttgttaa	ctcagattta	gttcaaaagt	gattttacgt	aggtagaaaag	180
cacatatgga	gtttcttcca	taaattccgt	aattttggct	gaattaatac	attctaaagt	240
aggttttttc	ttatcaaagt	gtcttgctat	ttgtgtttta	tatgcgtggt	tcctgcagtk	300
ttctttgcaa	atnrcatggt	ttaatgtktt	catcacaggt	tttacaatkt	tttwctgttt	360
gaatctcgct	ctgtcgcccta	ggctggagtg	cagtggcacg	agagctcac		409

<210> 28523

<211> 58

<212> DNA

<213> Homo sapiens

<400> 28523

aacgmcgacc	ctcagmtcgc	cagtccggtc	gctggcttcg	ccgccgccat	ggcaatga	58
------------	------------	------------	------------	------------	----------	----

<210> 28524

<211> 412

<212> DNA

<213> Homo sapiens

<400> 28524

aaaggctggt	gtggagggtgc	acgcctgcag	tcttagctac	tcccagaggc	tgaggcgggga	60
gacttgcttg	agcccaagag	ttgaagtcca	gcctgggcaa	catagcgaga	ccccatctc	120
taaaaataaa	aataatgcat	tagaatatta	ttggattcct	gggcagggca	cagtggctca	180
cacctgtagt	cccagcgctt	tgggaggctg	aggtgggtgg	atcacctgag	gtcaggagtt	240
tgagaccagc	ctggccagca	tgggtgaagcc	ccgtctctac	taaaaatgca	aaaattggcc	300
aggcgtggtg	gcgggtgcct	gtggtcccag	ctgctcgggg	ggctgaagca	cgagaatcgc	360

ttgaatccgg gaggcggagg ttgcagtgag ctgagattgc gccattgcac tc

412

<210> 28525

<211> 415

<212> DNA

<213> Homo sapiens

<400> 28525

cacccat	tttt	tctt	tcttcag	aaggc	ctttc	ctgtgtgaga	cccacatatt	ttaacctttt	60
gctcctatcc	cattttt	taaa	gaattagaga	ataaaccagg	cctgtttctk	ttcccctgaa			120
atccctroct	ctggctt	cct	aaacccatca	tctaaggtga	cagagcagtg	ctggaatagc			180
atctcctttc	actttcccaa	aactgccaca	gatagctgcc	actggcatgc	tctttgattc				240
ctggaagcaa	acgtgggact	gtcggaggaa	agggattgtt	ctgggtcttac	tcataactgg				300
gtgggtttgag	ggtgactgma	gtcgtgcttt	tcctgtgtgt	gctgccagca	cagggctgta				360
aatgcagmta	ttgcgcctgt	gtgcgtgtgt	ataagtcaag	ctccaagagg	ctcct				415

<210> 28526

<211> 345

<212> DNA

<213> Homo sapiens

<400> 28526

ccatccttca	aagaatttga	catttcta	atg	tcaccaat	ttcgcacatgc	taatgccagc	60
aattttttt	gaaagttgaa	atagaacata	ataaggcaac	aaaacgagac	taagagggtt		120
ctgcaccgtg	ttccaacaat	cttcagtccc	cttcactgtt	catgtctaag	cactgaggcg		180
ttctaaagca	ggtcaccttt	tgcctcaagg	acttttcttg	aaatatcatg	gtcttgctct		240
gtcgcccagg	ctggagtgc	gtggcggtgt	cgcagctcac	tgcagcttcg	acttctctggg		300
ctgaagcgat	cctcccatct	cggcctgtca	agtagctgga	accac			345

<210> 28527

<211> 409

<212> DNA

<213> Homo sapiens

<400> 28527

tactaaaaat	acaaaaaaaa	ttagccatgt	atgggtggcat	gcacctgtag	tcccagctac	60
tcgggagggt	gaggcaggas	aackvcttga	actggkgata	casgmaggga	agtgtgaggga	120
aggggaaggc	acagtccctt	taaattgacat	ggaaggggaga	aagggcgtgg	tccctggcta	180
gggctccacc	ccagcctgtg	cccatggacc	taggtgagga	caggcatttt	tgttttctctg	240
cccaaattgtt	gcatttccca	agaccaccct	ggccggccac	gcccccatcc	tgtgcctata	300
aaaaccctag	caggcagaca	cacaggtaac	tggacggcta	gaggagcaca	tcagtggagg	360
aacacacaag	cggctggacg	tcgagaggaa	cgcaccgaca	ggcactgcg		409

<210> 28528

<211> 283

<212> DNA

<213> Homo sapiens

<400> 28528

atattggatc	cagactcgtc	cgcaagcctc	cgctctgtg	cggcgggact	ggaggagcct	60
cgctgagccc	agggcgcgag	cgcgcagagg	agagggaasg	cgggggagsg	ctggaasgga	120
gaggaagggm	rtggttgga	gccgggctgc	cgcagcctct	agtctcctca	gccgcggaag	180
saccctcct	cctgcgccgc	ggccgcctcc	ctcctcgtg	tggaaagatg	cccttagccc	240
aggggtgtga	agaaggggga	gaagtagctg	ccagagmcgc	ccc		283

<210> 28529
<211> 338
<212> DNA
<213> Homo sapiens

<400> 28529
tttgaacat aaaaaaatac taaatgatct taaagcttcc taaattgtga aaaggggatg 60
tgctaacatc tcagaacttt agacctgckt gdtgtcatct ttaccgatct ctgmtgataa 120
atgcagaagg gatctgagag tttttaaaagc aagtagagtc aatcagagtt ttgaacatca 180
tagtaatact tccgtgattc agagttagat catataaatc aaagtaacaa tttggatttt 240
ttttaaacia caatatcata actgtcataa aacagatggt ccaacccag gagcagataa 300
taacttgggc agctctgtgg ggaacaagac ggggtact 338

<210> 28530
<211> 347
<212> DNA
<213> Homo sapiens

<400> 28530
gcattgtggt aaaccattca tgagaaatcc acttgcattga cccagtgacc tctcaccagg 60
ttccacctcc arcaatgggg actacagttt ggcattgagag ttgataggga cacagatcca 120
aatcatatcc ctaggtattc tattttgctt agagactatc attatttctc cctaccttta 180
ttcactcatt ctttgtcacc ttccattact ctgttttcac ctggtgggct ctctatgtgc 240
tcctgctcaa actttctctc ctactcttta cttagcacag agctgagggt acagaggtaa 300
aatcatagag tgmccacaggr acaaaaagtt tttttgagga gggagta 347

<210> 28531
<211> 303
<212> DNA
<213> Homo sapiens

<400> 28531
tgaatctggt tctcaactct cctcaactct gttgtccaga ctagagtatg agtatagtgg 60
cgtgatcatg gctcactgta gcctagcctg aaactgctgg cctcaagtga tcatcctgcc 120
tcagcctcta gaatagctag gattacaggc acaccaccgc agctgagttt tttatcttct 180
agttgttctc tttttaggac aggaccttgc tgtgttgctc agcctggtcc cagactcctg 240
gcctcaaata atcctccac cttggcctcc caaagtactg ggacaatagc catgagcatc 300
aca 303

<210> 28532
<211> 315
<212> DNA
<213> Homo sapiens

<400> 28532
tgagtttgac atttaattca atatttctgg tattcagtaa cgggtatata tgtttgttct 60
tccagtttggt gtcagtttaa aagatatggt gcaaagtata catagaaaat gtgagcaatg 120
cctctctttg ctttttgatc agaaacttca gcagagcggg aaggattcca catgatttaa 180
actgaaatgc ttttctttgt tgctgtaaga acttaaaatg taaaatacct ttttcagttt 240
aagtcctgta aacaacattg aagcatggag atgaggcaag gaatagtact cactgaagtt 300
gaaatgactg cccgt 315

<210> 28533

<211> 251

<212> DNA

<213> Homo sapiens

<400> 28533

tataagagcc ttgcactagt atactatcat ttccctcttc cctaccatta tgctattatt	60
gtaacatgtt taacttctac atatatctca caattcattt ttaaaaaataa gacaacttta	120
ttgagatgta attacataga ttacaattca cacattcaaa gcctacaatt taattgtctt	180
taatgcattc acagagttgt acaaccatca ccacagtcaa ttttagaaca ttttaatcat	240
tcccagaagc a	251

<210> 28534

<211> 166

<212> DNA

<213> Homo sapiens

<400> 28534

tagtagttga gaatttgcta atattaatga ggcacaaaga aaataacctt tttaaaaaaa	60
cagtgcataa aaagacacta acatgactaa catgaataaa gccttctata gcctgacacc	120
taagcagaaa gttttcttag gttttatatt ttagcatagg aaatcc	166

<210> 28535

<211> 217

<212> DNA

<213> Homo sapiens

<400> 28535

taagatgtac actggggcca ggtgcggtgg ctacggcctg taatcccaac actttgggag	60
gccgaggcgg gtggatcaca aggtcaggag atagagacca tcctggccaa tatggtgaaa	120
ccccgtctct attaaaaacg caaaaaatta gccgggtgtg gtggcgggca cctgtggtcc	180
cagctactcg ggaggctgag gcaggagaat ggctttc	217

<210> 28536

<211> 367

<212> DNA

<213> Homo sapiens

<400> 28536

cccaaagtcc tgggattaca ggcgtaasca tcacgcctgg cccttcattt gctttctagg	60
ttctcgaggt ggcagcttag attgttgatt tgraaactcc ttttttcaaa atatgaattt	120
agtgtataaa attttctct cagtactgct atagatatat tccataactt tttaatgtta	180
tattttttct ttcagtttaa tatattttaa aaatttcctt tgagacttct tttgttgacc	240
catagattat ttatttcctt ttttatcttt actgttttct cccttcattt gctttctttc	300
tttttytgat ttttyaattt tcatyttatt ttttytgaga cagagtctca ctctgttgcc	360
caggctg	367

<210> 28537

<211> 330

<212> DNA

<213> Homo sapiens

<400> 28537

cacatggtgc tgtcaatgag cagagaacag tcacctgctt acctgtctgt tcatcttact	60
tcatttatgg tgcagtttta cgtgtgactg aatatgnctt cvaccctcct atgatcatgt	120

ytaagtttag gttgccatga ggaggcatgg caaatgcttt tgaacacttt cgtacccctc 180
 atcttatgtc tctccaggcc ctagattagt ggtcatcttt cagagaatgg ctagaactcg 240
 agtcttctgg gatagcctac taacacgctt taccattgas gagtgtcttc aaaactcaca 300
 tcatttgmet tgccatgcgt ctctatatgt 330

<210> 28538

<211> 334

<212> DNA

<213> Homo sapiens

<400> 28538

tgtgtttaag gaagtgaaga taaaaaggac attgtcaaat ggaaaagaat atttttctta 60
 caaagttggt atatgctagt ttggaaatg tttctgsaag rmctgwattt amvatttaga 120
 tctcttatca ttttcacatt tgtaaatatg atttggtaaa tgccaacaaa taattgttta 180
 aaaacatttt gggctgggcg tgggtggctca agcttgtaag ccagcactt tgggaggctg 240
 agggagggtg aggagtttga gaccagcctg gccaacgtgg tgaagctgtg tctctactaa 300
 aaatacgama aaaaaaatt attcgggcct gcga 334

<210> 28539

<211> 255

<212> DNA

<213> Homo sapiens

<400> 28539

ctagggaaat catggccact ggaattaata catttagtta aagtgatttg ggaactcatc 60
 tccataaaac ttaggttatac tttgtagagc tccatcctgc tctgaacttt ctgtctagt 120
 ctcgactcct ttgttttttg ttttgttttg ttttgtttgt tttgtttttt gtttttgaga 180
 cagagtcttg ctctgttgcc caggctggag tgcagtggca caatctcggc tcacttcaac 240
 ctctgcctcc cgcg 255

<210> 28540

<211> 54

<212> DNA

<213> Homo sapiens

<400> 28540

ttctataata attcaaagaa tactctaata aatgtctgca attgtggtca catc 54

<210> 28541

<211> 60

<212> DNA

<213> Homo sapiens

<400> 28541

cttctttatg ttctcaggga aatgcttagg tgggtgcaca aaatgtgcct tttcttttct 60

<210> 28542

<211> 436

<212> DNA

<213> Homo sapiens

<400> 28542

taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
 gtcagagtga acaggcaacc tatagaatgg gagacaattt ttacaatcta cttatctgac 120

ttatt

65

<210> 28547
<211> 233
<212> DNA
<213> Homo sapiens

<400> 28547
gaacattttt cagtaacgtg ttctgttcac tatccatcca agcttctgtc attagataag 60
acttcaccca tgtaacctgc tacctagaca cgctcggagg gccggggctg ggtgtgcttg 120
ctcagggtgg ctagtatata catttggtga atgaatggct gatggaactt gaattgaatc 180
acagtatatt actttctcat ttattccaat ggtccactta gtatagatcc aac 233

<210> 28548
<211> 256
<212> DNA
<213> Homo sapiens

<400> 28548
cagttaaatt aggtttgttt taaagtcact tgaagtaatt cttctttgta ggttttgcta 60
ccagctctat ataattaggg ctttttgttt cattttgcwt tcagatttta gggattcggt 120
ttwcctcttt wggttttatt ttgtaatcaa tgtaaaatat ctacagtgtg gcagagtga 180
ctctacaaaa 'gaatggatat aagtccattc ttgtctcttt taccattttw tcaagtwat 240
wtccttccct cccacc 256

<210> 28549
<211> 287
<212> DNA
<213> Homo sapiens

<400> 28549
gcagagaagt gtgcagtgag ggacttgggc agacagcatg agaggcagag tctttgctta 60
cctggagggt gccttctaata gtactgggct sctgggagtg catgaaggct tcttagatga 120
agagtaatgg ggatgtctta cacagcaaga tgagaaaaca cagaccactt ggctctctag 180
cgaggaccag aatttgagtc aaaattatat gaaagcaaca gccacaatt gcctgcattt 240
tctttcctct tcaaaaccac ttctgctcca aagaccatga acctgaa 287

<210> 28550
<211> 334
<212> DNA
<213> Homo sapiens

<400> 28550
taatcgaaaa attgggatct aagtaaacta aagagcttct gcacagcaaa agaaaccacc 60
gtcagagtga acaggcaacc tatagaatkg gagrcaattk ttrcaatcta cttatctgac 120
aaagggctaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
aaccatca aaaagtgggc aaaggatatg aacagacact tctcaaaaga agatatttat 240
gcagccaaca gacacacaaa aaaatgctca tcatcactgg ccatcagaga aatgcaaatc 300
aaaaccacaa tgagatacca tctcacacca gtta 334

<210> 28551
<211> 291
<212> DNA
<213> Homo sapiens

<400> 28551

gtagaggaa	gaagaagaag	akgaggatga	ggaggaggaa	gaagaactgg	aagaggtgga	60
agacctggag	tttggcacag	caggagggga	ggtagaagaa	ggtgcacctc	casccccars	120
sctgcctcca	gstctgcctc	cccctgagtc	tccccaaaag	gtgcagccag	aacccgarsc	180
cgaacccggg	ctgcttttgg	aagtggagga	gccagggacg	gaggaggagc	gtggggctga	240
cacagskccc	accctggccc	ctgaagcgct	cccctcccag	ggagaggtgg	a	291

<210> 28552

<211> 261

<212> DNA

<213> Homo sapiens

<400> 28552

cacgttttgg	ctgtatcctt	tatcccagcc	agtcattccag	ctcgacctta	tgagaaggta	60
ccttgcccag	gtctggcaca	tagtagagtc	tcaataaatg	tcacttggtt	ggttgtatct	120
aacttttaag	ggacagagct	ttacctggca	gtgataaaga	tgggctgtgg	agcttgga	180
accacctctg	ttttccttgc	tctatacagc	agcacatatt	atcatacaga	cagaaaatcc	240
agaatctttt	caaagcccat	c				261

<210> 28553

<211> 276

<212> DNA

<213> Homo sapiens

<400> 28553

tgagaacccat	ttaagagata	aaagccacag	aaactggtga	ttgatttgat	agaaggaagg	60
taggagaggg	agtcattcagc	agataaccca	ggtttaagac	ctgggcagct	ggtgagtgtg	120
gcactcactg	cactggagaa	cagcagggga	aggacatgct	ggggcagagc	tttgcatatg	180
ttgagctaaa	ggtgcccggg	agaggcattt	caagatctcc	attaagcagt	ttgatatgtg	240
agtcagaaga	agagagagcc	ctccaaacag	aacaat			276

<210> 28554

<211> 262

<212> DNA

<213> Homo sapiens

<400> 28554

tggtgcagtg	gatcatgctt	gtaatcccag	cattttggga	ggcagaggca	ggaggatcac	60
ttgagtccag	gagttcaagg	ccagcctgag	rcamataagg	amgaccctgt	ctctataraa	120
aaatagaaaa	attagccaga	tgtgggtggca	tatgcctgta	gtcccagcta	ctcaagaggc	180
tgagggtgaag	gattgcttga	gtcagggagg	ttaaggctgt	agtgaactat	gatctcacca	240
ctgcattcta	gcctgggcaa	ca				262

<210> 28555

<211> 190

<212> DNA

<213> Homo sapiens

<400> 28555

aggacacaaa	tctgcttttc	tgccataca	ctggcccaag	ggctcaccta	acttgggagg	60
gaaggggctg	ttggtacaag	gatgattttc	tgtagactr	ccattttgca	cggctctccc	120
cttcccatct	gatgtgtcct	gcccctcagc	tctttgcctt	atctgtgtca	ctgtcacttt	180
agcaaaaaat						190

<210> 28556

<211> 211

<212> DNA

<213> Homo sapiens

<400> 28556

tcgattccat	tcgattgcac	tcgggttgat	tccattccat	tccattccat	tccattccgt	60
tccattccat	tccattacat	tcgggattgw	tcwantrcar	ttcccttgga	ctccattaca	120
ttccattcca	ttcgggtagg	ttccattcca	ttccattcca	ttcctctcct	ttccaatgca	180
ctcgggttga	ttccattcca	ttgcattcca	t			211

<210> 28557

<211> 310

<212> DNA

<213> Homo sapiens

<400> 28557

tgtcttggac	tttcttttta	cttgaaaaaa	ctatatatat	tccaaaaatt	taagaaaatg	60
cttcatact	tcagctaaat	aaagcttggt	cctttacaaa	cagtaaagaa	ccatgaaaga	120
taattctatt	tgtttcttgc	tactgtactc	agtcagaaaa	ttaagaatct	agagggtcca	180
tggaggggag	agtgtggaag	atcctaggac	aataatcttt	taaaagaatg	tccttcatgg	240
ctctccagtg	atctacgact	tttcattttt	cttcagttca	actttgttta	aattaacgtg	300
acccacgar						310

<210> 28558

<211> 269

<212> DNA

<213> Homo sapiens

<400> 28558

tttttctttt	aagcagagtc	ttgagtcttg	ttctgtcacc	cagctggagt	gcagtggcac	60
gatctcagct	caactgcaacc	tccgccttcc	arggctcaag	agattctcat	gtgttagcct	120
cctgagtagc	tgggattaca	ggtgtgtacc	acacctggct	aaatttttga	atttttagta	180
gagacgggct	ggtcttgaac	tcctggcacc	aagtgatcct	cccacttcgg	actcccaaag	240
tgtctgggatt	acaggcctga	gccatcccc				269

<210> 28559

<211> 295

<212> DNA

<213> Homo sapiens

<400> 28559

ccatttctga	gtgacatcac	ttagaataat	agtctccact	ctcatccagg	tcaactgcaaa	60
tgtctgaaat	ccatttcttt	ttatgactat	gtagcattcc	atcatatata	tatatgtatg	120
tatgtacata	cacacacact	acagtttctt	tatccactca	ttgattgatg	ggcatttggg	180
ttggttgatg	gtcatttggg	gtggttccat	gattttgcag	ttgtgaattg	tgtactata	240
racatctgtg	cgcaagtatc	tttkttgaat	aatgacgtct	tttctcggg	gtagg	295

<210> 28560

<211> 226

<212> DNA

<213> Homo sapiens

<400> 28560
 ggagtcttgc cttgtcaccc aggctagagt gcagtgggtg gatctcggct cactgcaaac 60
 tctgcctcct gggtttaagc ggttctcctg cctcagcctc ctgagtagct gggattacag 120
 gtgccaccca ccgcgcctgc taatttttgt attttttagt agagacgggg ttccaccatc 180
 ttggctaggc tggctctgaa ctcctgacat catgatctgc ccaacc 226

<210> 28561
 <211> 160
 <212> DNA
 <213> Homo sapiens

<400> 28561
 tagccgggcg tggttgtgtg tgcctgtagt tccagctact caggaagctg atgcgggaga 60
 atcgcttgaa cccaggaggc aaagtgtcag tgagccaaga tcgtgccact gcactccagc 120
 ctaggcaaca gagtgaact atctcaaaaa aaaaaaaaaa 160

<210> 28562
 <211> 322
 <212> DNA
 <213> Homo sapiens

<400> 28562
 tagttaatat ttaaaaaaat gtattgtgca ttttggcttc acatgtttta ctttttttaa 60
 gaaaaaagt gcatgaatgg aaaaaaaaaat ctgtatacag tatctgtaaa aactgtctta 120
 tctgtttcaa ttccttgctc atatcccata taatctagaa ctaaataatg tgtgtggcca 180
 tatttaaaca cctgagagtc aagcagttga gactttgatt tgaagcacct catccttctt 240
 tcaatgcgaa cactatcata tggcattctt actgaggatt ttgtctaacc atatgttgc 300
 atgaattaac tctgcccgca tn 322

<210> 28563
 <211> 78
 <212> DNA
 <213> Homo sapiens

<400> 28563
 ctatttttcc ttgtgtctct attgattgta taaatttttc aattaaaaaa gaacatacaa 60
 atattacttt tttttttt 78

<210> 28564
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 28564
 taatggttga agaagcataa aaaataggac taaactttta ttgcttaaca ccctaacttt 60
 tggatttttag gtattctgtg gtgcwtctac tgggtccwgg yttcatkcat ttttctctct 120
 aaagtatgag actgtctcga aaagaaaa 148

<210> 28565
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 28565

cctttgccaa	catatccctg	gttatctctt	ggttaaata	aacacatcct	ctagaagatt	60
cctcagaaag	ggcttgtgtg	tacagcatty	tctgawgttc	ctkcatattc	aaaatggttt	120
ttttcckctc	tatggcctcg	atatttgaag	gacagcttkk	gcwgggtata	aaatcatwgg	180
cttacactta	aaaaaaatca	gctttattga	ggtataagtt	atataaaaat	tcaccagttg	240
taagaatata	atttgaaaaa	tgtgacaaac	agawagwgta	wccaccaacg	a	291

<210> 28566

<211> 203

<212> DNA

<213> Homo sapiens

<400> 28566

atacaaagt	aaataaataa	aggttcctct	ttttcaggag	tgactaccta	gaccatagga	60
caggtaacac	atagcgagag	ttgtctctga	ctaattttta	gctcaacagg	tgaggagggt	120
gcagggaagg	ttatgcctat	gggggaaagt	gtagggttga	gatggtaggg	gctgtgttca	180
tcagggtggac	cagcagaaca	ggc				203

<210> 28567

<211> 327

<212> DNA

<213> Homo sapiens

<400> 28567

taatcgaaaa	attgggatct	aagtaaacta	aagagcttct	gcacagcaaa	agaaaccacc	60
gtcagagtga	acaggcaacc	tatagaatgg	gagacaattt	ttacaatcta	cttatctgac	120
aaagggtctaa	tatccagaat	ctacaaagaa	ctccaacaaa	tttacaagaa	agaacaaac	180
aacccccatca	aaaagtgggc	aaaggatatg	aacagacact	tctcaaaaga	agatatttat	240
gcagcharca	gncacacaaa	aaaatgctca	tcatcactgg	ccatcagaga	aatgcaaadc	300
aaaaccacaa	tgagrtacca	tctcaca				327

<210> 28568

<211> 268

<212> DNA

<213> Homo sapiens

<400> 28568

tatctggtag	taattttta	gtttatttgc	cttttaattg	agatagaaa	catattttcc	60
tgtttttggga	gccatttggga	tttccttttc	agtgaatgac	ttattttataa	cctttgccta	120
atgttctctt	gggttggttg	atttkttttc	cttatagatt	tgaaggagtt	ctttatatat	180
ttaatgtaaa	aataggtctt	gggacaaagc	tatagtcacc	ctgtttgctt	ctgtgtagtt	240
cttgccagag	ttttgatttt	tgtggagt				268

<210> 28569

<211> 237

<212> DNA

<213> Homo sapiens

<400> 28569

attatttggc	atggtttggg	aaataggggg	tcctcagagg	gctcttgaca	gacattctat	60
tctaccctta	attaacagca	atacatctgt	ttgttgtgtg	cttcccccaa	gtgataggta	120
ctcttagact	gtcccttgdc	aatctcctgc	aatatgtttt	cagctcaagc	agtgacaaac	180
tagaagtaaa	tttgatgtgg	attaacatcc	agtgaactta	aattttcata	ccggata	237

<210> 28570

<211> 143
<212> DNA
<213> Homo sapiens

<400> 28570
ctcaaagctc tatatgttta catattatatt ctgtagattg twttcaggag aaagttttgc 60
ttctatggta agartgagca ctttggctta tgtataagth agaaataatt gthagthktn 120
aatatgcact tcgtggggaa att 143

<210> 28571
<211> 287
<212> DNA
<213> Homo sapiens

<400> 28571
cccatTTTTat caagcagaga aaaaaaataa cagcagaaaa gataaagata aacaaaaaat 60
atataccccc caatggaaaa taatgttgat tcagcaattc ccataggatg tattacatgc 120
tctaatttat tatattatta tttatctgtc tttgatcttt gccattgta ctcttaaaaa 180
gatgttgagg tgttgattgc gattttttaa caactagata atgtataaat cagcagtgga 240
aatcagtttt aatgtgtgga tgtgtctgat tattgtttaa tgcctct 287

<210> 28572
<211> 310
<212> DNA
<213> Homo sapiens

<400> 28572
cattatattt ggggagaagc aggggtttatg tgcacattca gttgccccaa tcagagactt 60
tttgaacctg gamaaagcca ttgtaggacc ttctbaggct artcckctcc atatckastc 120
cacctkcttc atttgcmtat gttggcatct caggcactat ctactatcta cttctagtac 180
tttctacact caraacagga aaacatacac acatgtgtag gggcgtatac acacacatcc 240
acacactcac acccacacac atacacactc atacacacca cccccccaca cacacacaca 300
tacacacacc 310

<210> 28573
<211> 268
<212> DNA
<213> Homo sapiens

<400> 28573
tttttctttt aagcagagtc ttgagtcttg ttctgtcacc cagctggagt gcagtggcac 60
gatctcagct kmntgcaacc tccgcttcc aggtcaaga gattctcatg tgtagcctc 120
ctgagtavmt gggattacag gtgtgtacca cacctggcta aatttttgaa ttttagtag 180
agacgggctg gtcttgaact cctggcatca agtgatcctc ccacttcgga ctcccaaagt 240
gctgggatta caggcctgag ccatcccc 268

<210> 28574
<211> 90
<212> DNA
<213> Homo sapiens

<400> 28574
tgtagtagga aactgagacc krgagacatt aagtggcttt ttaaagcttr cgtagtaact 60
ggcagagcta ggaccacaac ccgggtgctt 90

<210> 28575
 <211> 396
 <212> DNA
 <213> Homo sapiens

<400> 28575
 caaggcaatt gttttatggt ggattttggt attactgatg acattaaata aaaatgtagt 60
 ctcaagagtt gggggtcaag ggctggaaaa ctaccccytt ggggccggac gtggtggctc 120
 acatctgtaa tcccagcact ttggggaggcc gaggcagggtg gatatcttga agtcaggagt 180
 tcgagaccaa cctggccaac aggggtgaaac ccaatctcta ctaaaaatac aaaaattagc 240
 tgggtgtggt ggcgcaagct acttgggagg ctgaggcagg agaatcgctt gaaccaggga 300
 ggcggagggt scagtgwgt cdrtawtcgc gcactgtact ccagcctggg tgatagagca 360
 agactctgtc tcaaaaaaaaa gaaagaawaa aaaaaa 396

<210> 28576
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 28576
 tccttaccaa aaatacatga tcatcatata cataatTTTT ttcatacctt tctccccac 60
 ttgtttcctt actaccttgt ttcataaaaa acttttttca agcccataat ttgaattaac 120
 ttttagataa cttctgaatt aaacaaaatt attatttttc tcataacatt ttttggggca 180
 cattttttta acagaattat atcttattcct tagtaacctt aaatgttagt gaaaccctag 240
 aaagcagtcc cc 252

<210> 28577
 <211> 344
 <212> DNA
 <213> Homo sapiens

<400> 28577
 cacgtttaaa ttaacctttt ttatttcaag atagtttaag actcacaagt tgcaaaatag 60
 atcagagttc cctgtaccc ttcattccagc ttccattgat atcttacata atcctggcac 120
 ttgtgcaaag ctggaacact ggcattgaaa caatactatt aactcaggta cagaccttat 180
 gtacactttt ttccccggc atagagtttt atgaaattta tcatgtgtgt atattaatgt 240
 gccatcacca caatcacaa atggagctgt tccatcacca caaaggaact cctcgtgtgt 300
 anmccttagc tgtcactctc ttctcccaa acttgaaccc ccgt 344

<210> 28578
 <211> 155
 <212> DNA
 <213> Homo sapiens

<400> 28578
 taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
 gtcagagtga acaggcaacc tatagaatgg gagamaattt ttacaatctr cttatctgac 120
 aaagggttaa tatccagaat ctacaaagaa ctcca 155

<210> 28579
 <211> 383
 <212> DNA
 <213> Homo sapiens

<400> 28579
 caaaattcaa actaaatttc tcattaactt gaccagcttg atcttaaaaa tcatttggaa 60
 gagaaaaata aataaaatat tttaaatgat aaatgggraa agcacctgaa tctatcagat 120
 atacaaatat tattgtaaaa tgtggaatag gcaaataagg taggggaaca aagttcaaag 180
 acatgcccac ttatgaaatt tagcatggga taaggtggta ttaaaagcct taatgttgaa 240
 cacatacaga ataacagtat aaagtggtag agaaaatata ccctttgggt agaggtggac 300
 ttcctcahng tataaaatgt agaaacaaaa ggaagactgg taagtttgac tgtatcaaaa 360
 tagaaaactt ctgtgtgaag aaa 383

<210> 28580
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 28580
 gatgggcccc accacgtctt caagagaacg cacctgcaat aaaacagtct tgtcggccag 60
 ctgcccaggg gacggcagct acagcacccct ctgcgtcctg gtccgccagc acctcccgtc 120
 tctccgtggt gacttggcgc cgttctctca catctgtgct ccgtgccctc ttccctgcct 180
 cttccctcgc ccacctgcct gccccatac tccccagcg gagagcatga tccgtgcenn 240
 tgcttatgac tttcgcctct gggacaagta agtcaatgtg ggcagttcag tcgtctgggt 300
 tttttccctt tttctgttca tttcatctgg ctccccccac caccaa 346

<210> 28581
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 28581
 aaatcaacct attgaaactg actcagaatt gacacagatg ttagagttag cagacaagaa 60
 cattaataca agtttttaaa aaattatatt tattattttt ttagagacaa ggtcttgctc 120
 tattgcccag gctggathnt agtggcgtag tcatagctaa ctacatcctc aaactcctgg 180
 gctcaagtga tctcctgccc tcttgagtag ctgggaccac aggcattgcac cactacacca 240
 agctgatttt tcaatttttt gtagagatgg ggtctcacta tcttgcccag ggctgta 297

<210> 28582
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 28582
 gaccggaggg tgagcccggc agaggcagag acacacgcgg agaggaggag aggctgaggg 60
 agggagggtg agaaggacgg gagaggcaga gagaggagac acgcagagac actcaggagg 120
 ggagagacac cgagacgcag agacactcag gaggggagag acaccgagac gcagagacac 180
 tcgggagggtg gagaaggacg ggagavgcag agagaggaga cacgcagaga cactcaggag 240
 gggagagaca ccgagacgca gagacactca cgga 274

<210> 28583
 <211> 54
 <212> DNA
 <213> Homo sapiens

<400> 28583
 tccaagaaaa ttctgtaaag gttttttttt taaaaaaaaa aaaaaaaaaa aaaa 54

<210> 28584
<211> 424
<212> DNA
<213> Homo sapiens

<400> 28584
cagttatttc agttataatg tgttttagaa tgtggattta agccaccttc tcaccctttg 60
caccagtagc tttgttaaaa catthttatta tgatcaaata acaagcctgt tgcttttaag 120
taatctaagt attaacagaa ggtaagtctt caacttctcc ctgttctcac ctgggccaag 180
atcaattttc taaataaaaa atagctttgt aatttgtctc caacaaagaa tgggaaatgg 240
aagggaacac aaaactgtgg tcctgacaat actaattcta cccgttttca aataagaata 300
attaaactta taaagtgata tactgattat ttttgtgtta ctctcccttt tttttgttta 360
aagtcaaatt ccagaagtaa aaatctttat catactgttt tcctcttact aaaactggaa 420
ggga 424

<210> 28585
<211> 357
<212> DNA
<213> Homo sapiens

<400> 28585
aatcttgcta ctgctcactg tttgggtcca cgctgctttt atgagctgta acactcacca 60
tgaagatctg cagcttcatt cctgagccca gcgagaccac gagcccacgg ggaggaacga 120
acaactccag acgcgctacc ttaagagctg taacactcac cgcaaaggte tgcagcttca 180
ctcctgagcc agcgagacca cgaaccacc agaaggaaga aactccgaac acatctgaac 240
atcagaaggg acagactcca gacacgccac cttaagagct gtaacactca ctgcgagggt 300
ccacggcttc attcttgaag tcagtgaagac caagaaccga ccaattccag acaccct 357

<210> 28586
<211> 460
<212> DNA
<213> Homo sapiens

<400> 28586
aaagtgtatg tttctaattg gaaaattgat tgagaagaga gaatggacac taacttctaa 60
ccaagcagca caattttata aaacaaagag ctggtaaagt gaggataact aagcttttaa 120
catggacttt gaggtgcttg ggaaagtaat gcataattag tgcataagtaa ggccttcct 180
gggtcatgtc taaaggccct ctgctccact ggctcttgac acatcattat gtaaatccct 240
gacattttgt gagcttaact gaggtgtgca gctgttaaac taagactttg gtgttttcag 300
aatgttgaga caaatattaa gttaatggct agacttctct cagttaaaat acttctttcg 360
gtatttttgt taaccctttg gcttttgcca ctattttgtt athrtttttg ctagcatgca 420
gcaaatcata gtatatatga atttgagaca tgatagctta 460

<210> 28587
<211> 341
<212> DNA
<213> Homo sapiens

<400> 28587
taatcgaaaa attgggatct aagtaaaacta aagagcttct gcacagcaaa agaaaccacc 60
gtcagagtga acaggcaacc tatagaatgg gagacaatth ttacaatcta cttatctgac 120
aaagggtctaa tatccagaat ctacaaagaa ctccaacaaa tttacaagaa aagaacaaac 180
aaccatcatca aaaagtgggc aaaggatattg aacagacact tctcaaaaga agatatttat 240

gcagccaaca gacacacaaa aaaatgctca tcactactgg ccatcagaga aatgcaaata 300
aaaaccrcaa tgagatacca tctcacacca gttagaatgg c 341

<210> 28588
<211> 164
<212> DNA
<213> Homo sapiens

<400> 28588
ctgatagttg cacagcataa aatggtgagg gtggggccat tgtgggttga gccaccaagg 60
aaggccatcc aggcctggat gggccagaac aaaggtagag atgagagaac gcacagggtg 120
tcgtgttcaa ggtagttagt aactgaggat agtcaaacgg agct 164

<210> 28589
<211> 96
<212> DNA
<213> Homo sapiens

<400> 28589
caggttgtag cccagaccca ggcaatttga atctctgagt gtggggccca gacatttcta 60
tttctttttt ttcttttctt tttctttctt kctttt 96

<210> 28590
<211> 336
<212> DNA
<213> Homo sapiens

<400> 28590
tgtgtgttat tttacttggt aactttcagt tttagatgat tcttgtgggc aaggggtggg 60
caatactgtg tagtgaaaat agttccatt ccctcattcc caacaatgaa taattttcca 120
aagctgctgt aataagtata agggggccag gcgctgtggc tcacacctgt aatcccagta 180
ctttggaagg ctgaggcggg tggatcgctt gaggtcagga gttcattacc aacctgggca 240
aggacaacat ggagaaaccc catgtctcta caaaaaatat aaaaattagc tgggtgtggg 300
ggtgcacact tgtaatccta gctactcgg tagctg 336

<210> 28591
<211> 279
<212> DNA
<213> Homo sapiens

<400> 28591
caaatatcca tgcgctgaaa cccacatacc atcacttggc aatttttttag aataagaccc 60
srttattatc tattgctata aacctagcca gttctcttgc tcttctgtat tttcctattt 120
ccctgccatc atctgctatt tctgccactt ctcttagact ccttgtctgc aaagcccaag 180
ctagaactca ctgtctatgg cagaaggaca tccagagccc attctggagt tttgtttttt 240
ccttctgcca gatgctttgt gtctctgtctt ccttctctt 279

<210> 28592
<211> 52
<212> DNA
<213> Homo sapiens

<400> 28592
tacagagctc ttgatattctt gaatgtmtd tctgtttggc ctggctctta at 52

<210> 28593
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 28593
 gaaaaataat actcttaggc cggactgggc cactcagacc tgtaatccca acactttgag 60
 aggctaaggc aagaggtatt acttgaggcc aggagttcaa gaccagcctg agcaacgtag 120
 taagaccctg tctctaaaaa aattttttta aaaattagct ggacatggta gtgcctgtag 180
 tttcagctac tcaggaggct gaggtagggg aagatccttt gagcccagga gttcaaggca 240
 gcagtgattt atgatcacac caccgcactc cagcctgggt gacagagtga gaccccatat 300
 ctcaaaaaaa aaa 313

<210> 28594
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 28594
 catcttttca aggaccaaca actaattttg tgtgtatgta ttgatactta acataaattg 60
 ctgcttttct gtgtgggtctg ggwagmatta ttcattgttt tctagcaaaa agggacattt 120
 gtctcttttt tcttgcattg attatgtggg trggagaata atttctgtcc ccattctccc 180
 aagatgctca tacattaatc actggaatct gtgaatatat taccttacat ggcaaaaggg 240
 attttgcagg tggaattaag gtcattgagc ttaaaatagg gagattatcc tggattatct 300
 ggggtgggcca ttgtaatcac aagcatcc 328

<210> 28595
 <211> 116
 <212> DNA
 <213> Homo sapiens

<400> 28595
 ccatgttact atattacttt ggaaatttcc agtttttaaat ataagtactt atgctatgca 60
 agaaacgtaa agtaaatact caaaagtagc tatattgtct tgtaataaac cttttt 116

<210> 28596
 <211> 362
 <212> DNA
 <213> Homo sapiens

<400> 28596
 tgataactaa atacaagcag ggtagtgtgt ataggaaaca ttaagctaag agttaagaa 60
 attttngctg ggcacagtgg cttacacctg taacaccagc actttgggag tccaaggcag 120
 acatatcact tgaggtgagg agttcgagac cagcttggcc aacatgggtga aacctgtct 180
 ctattgaaaa taaaaaaat agctggacgt ggtggcgcat gcctgtattc tcagctgcta 240
 cttgggaggc tgaggtggga gaatttcttg aacctgggag gcggagggtg cagtgaagctg 300
 agattgtgcc actgcactcc agcttgggtg mcagagcaag actccattaa aaaaaaaaaa 360
 aa 362

<210> 28597
 <211> 397
 <212> DNA
 <213> Homo sapiens

<400> 28597

ttgagatcca	tggggtgccc	gcagactgtg	cccggcagga	gactgactac	gtgctcaaca	60
atggcttcaa	ccccgcctgg	ggggcagacs	ctgcagttcc	agctgcgttc	cggagctggc	120
actggctcgg	tttgtggtgg	aagattatga	cgccacctcc	cccaatgact	ttgtgggcca	180
gtttacactg	cctcttagca	gcctaaagca	aggggtaccg	cacatacacc	tgctttccaa	240
ggacggggcc	tactgtcac	cagccacgct	cttcatccaa	atccgcatcc	agcgctcctg	300
agggcccacc	tactcgcct	tggggttctg	cgagtgccag	tccacatccc	ctgcagagcc	360
ctctcctcct	ctggagtcag	gtggtgggag	taccagc			397

<210> 28598

<211> 137

<212> DNA

<213> Homo sapiens

<400> 28598

atgcttagtt	cttacctctg	atgaatcttc	aatttgcagc	aaattctaaa	cacagttctc	60
tttcaaaacc	aacttttgac	cccttaatta	rccarkaata	gtttgattac	taaaagaact	120
aagttttttt	ttttttt					137

<210> 28599

<211> 217

<212> DNA

<213> Homo sapiens

<400> 28599

tncaagtcgc	tctgtncacc	tcccccttnb	tggccccccac	cccactcctg	tgccctcccag	60
gagccctccc	tgtgtctccac	ctgcctccgc	agaaggaagc	ctctttctct	gtttccctgg	120
gtgarggggc	tggcaggtgg	ctaaccocat	ttagcatctc	caggccctgc	catggtgtct	180
catcttgctg	ttatctctag	ctctttccct	cctccca			217

<210> 28600

<211> 445

<212> DNA

<213> Homo sapiens

<400> 28600

atgcgcaccc	catgtccccg	cccgtgttag	cgccacagct	ctttgggcgt	tgattctagg	60
gtcagggccc	tactcacac	tgttggaagg	ttaaagtact	tcacgctagt	ttaaggaaat	120
agctgacgt	gataaccatg	tccaagcac	tgtcttaagt	tccaatgtg	tccggaattg	180
gtgggttctt	ggtctcactg	acttcaagaa	tgaagccacg	gacctcgcg	ttttagacta	240
tgctaaaaac	agcctcagga	ccttcagcac	tgatcaacaa	tcctgggcat	gggctgaccg	300
acagttttca	cccagagagt	gaagatcatg	gaggagccat	cttaaattcc	gcccagcgca	360
ggctcccagg	aawcctaagt	tcacgatctc	actgcagcca	atgtgacaaa	cacagcagta	420
attaagtcta	gagagctaaa	cacac				445

<210> 28601

<211> 433

<212> DNA

<213> Homo sapiens

<400> 28601

gtttattttg	caaatatatt	tgtaagtttt	ccactgatat	cttaaagtta	ggtatgatta	60
ttaattcaag	ctggccttgt	gccctataa	aatgacagtg	tctgttcttg	ggaaactcca	120

cggctagata	gactacaaac	ttgtaaacat	actgtttag	agtcagaaag	tagtatgtaa	180
aagccaattt	aaaatgtggt	atcataaagg	agtggtcact	gcccttttct	ggagttttaa	240
ttaaatcttc	acacacaaag	atgaggccaa	gcatngtggc	tcacgcctgt	gatcccgga	300
ctttgggarr	ccgggggtggg	aggatcactt	gagcccgggc	attcgagacc	ggactggccg	360
gcatggtgag	accctatctc	tataaaataa	aaaaaaatta	gccgggtgtg	gttatgagca	420
cctgtagtcc	agc					433

<210> 28602
 <211> 382
 <212> DNA
 <213> Homo sapiens

<400> 28602						
tagttgaaca	cttaagattg	ctagtcactg	tgctgagtgc	tctgtgagga	aggaagatga	60
vtraaacara	aactccatcc	tcaaggagtt	tgctttccat	tggaaaaatg	gtgataataa	120
taacacacaa	aaacatgaag	atggccacag	ctaagttaca	gataatgctt	wtgtagttca	180
gcagagtgtg	argatagttg	aggtgtttgg	tgatatctga	atttgaattt	ggaaatgtra	240
tgaaggaaaa	gaaggtatgt	accagcaagg	gctgctttcc	actgcagata	atcagaaaaa	300
ttrgccagta	gtagcttaaa	cmaaagatta	agttatTTTT	tttwcasata	attagaagta	360
tagaggtggg	tgactgttga	ca				382

<210> 28603
 <211> 347
 <212> DNA
 <213> Homo sapiens

<400> 28603						
agacctgang	ctccgcgggc	tccggggcaag	agcccgaggg	ctaccttccc	cgggcagggg	60
cgctcaaccc	aaccggctcc	agggcactga	tctgcgattt	ccttctggtt	ggctgtcctg	120
cgtgggtgcc	aagttccaca	satgatttaa	tgaataagna	ggagatgtca	gtgaaaaaag	180
ggatccagaa	tgattactaa	cctatgamtc	ccaacagtat	gacagaaaat	ggccttacag	240
cctgggacaa	accgaagcac	tgtccagacc	gagaacacga	ctggaagcta	gtaggaatgt	300
ctgaagmvtg	cctacatagg	aagagccatt	cagggaggcg	casaccg		347

<210> 28604
 <211> 121
 <212> DNA
 <213> Homo sapiens

<400> 28604						
aattagannc	tttggttatt	gctgtagtgg	taacattttac	acattttacta	tcttatgatt	60
cttcttattt	ttagaaactg	tgtggtggtg	atttttaaaa	aggaaaatgg	caaggacgca	120
c						121

<210> 28605
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 28605						
ttctcttttt	cgagacagtg	ttactggaaa	gggggtcccaa	tctggaccct	gaaaagaggg	60
ttcttggtatc	ttgggcaaga	aagaatttgg	ggtgagttca	tagaataaag	tgaaagcnag	120
tttattaaga	aagtatggga	ataaaagaac	ggctactcca	tagagcagcc	ctgaggactg	180
gtggctggct	gtttttatgg	ttatttcttg	attatatact	aaacaagggg	tgta	234

<210> 28606

<211> 96

<212> DNA

<213> Homo sapiens

<400> 28606

ccctcasnaa tggactttga tataatttttd ctgctatttg ctaaaagctg gtggtgarat 60
acataacaat aactgttatt tagtgaatac ctattt 96

<210> 28607

<211> 189

<212> DNA

<213> Homo sapiens

<400> 28607

tgtctttata tcttattact agtgatatta gccttgatca cttagttgag aaggcatttg 60
ccaagtttct tcatggtaag attgttttta acctttgaac ttaaaagtag actaatttat 120
tactttgatg gcccaatggt gattttcaat ttctctcat gccctgtaca tgtattcatt 180
ggaacacac 189

<210> 28608

<211> 98

<212> DNA

<213> Homo sapiens

<400> 28608

agcacttgaa ttgtctatgc tgtagaaatg tcccttagct acagcaattc taaataatat 60
aagataaaat aaaatcatgc cttgcataat gccctgca 98

<210> 28609

<211> 152

<212> DNA

<213> Homo sapiens

<400> 28609

catctgtgaa atagatctac tcatttatat tttatagtct tcttccctga aactgctaag 60
ggtaaccttc acaagagtcc atacacttat atgaggggaac cagtttgagc agaaacacag 120
taagaaaaga actcactaca tacctgggct ac 152

<210> 28610

<211> 80

<212> DNA

<213> Homo sapiens

<400> 28610

cgaacgccgg gcagcacaaa ggatccccga ctgccgggga gcggtgctcg gagggcacag 60
gtctacgccca tccccacgc 80

<210> 28611

<211> 149

<212> DNA

<213> Homo sapiens

<400> 28611
acgccacatt tctttgaata tcttcaggaa gtttttatct agaaatttgc ataatggttt 60
gcataaaagg ttagcctttt cacctgtttt attttgata aacactgata tagtgattaa 120
aacattagct acataactat gagtcactg 149

<210> 28612
<211> 110
<212> DNA
<213> Homo sapiens

<400> 28612
gttttagcata taggtatact cagtcaagta gcctgcattg ctgccctgcc tatgtagtag 60
ccattctttt gtttattttac ttctctagta aacttgcttt cactctaaaa 110

<210> 28613
<211> 114
<212> DNA
<213> Homo sapiens

<400> 28613
ctaactttta actctttatg tttcaaagt tctcttttcc cagcacacac aatccagttg 60
tcaataaatt ttagtagttt ttttctctga aataataatt ttttgteccc gcc 114

<210> 28614
<211> 109
<212> DNA
<213> Homo sapiens

<400> 28614
ctcatcagca ttcttcacag aaatagaaaa aaatcataca atttctgtgg atccacaaaa 60
gatcccaaatt aaccaaagca attctgagaa aaaaaaatcc tggaggcga 109

<210> 28615
<211> 215
<212> DNA
<213> Homo sapiens

<400> 28615
taagagtaat attcttttgc attatgagaa aactagtata ttattcatat atttkactaa 60
ttgtactttt tttattatac ttttaagttt agggtagatg tgcacaatgt gcaggtagt 120
tacatatgta tacatgtgcc atgctgggtgc gctgcaccca ctaactcgtc atctagcatt 180
aggtatatct cccaatgcta tccgtccccc ctccc 215

<210> 28616
<211> 188
<212> DNA
<213> Homo sapiens

<400> 28616
ttgttttttt ttgagaacgg agtttcactc tttttgccca ggctggagtg caatggcgca 60
atctcggtc actgcaacct ccgctcccg ggttcaagt attccctgc ctgagcctct 120
ggagtagctg ggattacagg catgtgccac cacacctggc taattttgta ttttttagtag 180
agacggtt 188

<210> 28617
 <211> 175
 <212> DNA
 <213> Homo sapiens

<400> 28617
 caaaataggt ctttacaggc aaatttacat tctatcacag aaacagtgac tatcagataa 60
 ccaactccct tctcaattct tttttttggc ttgttttctt gcttacttgc ttgggttgctt 120
 tctctctttc ctagctgaat agcattacag gccacttcta aaataaactg ggtgg 175

<210> 28618
 <211> 117
 <212> DNA
 <213> Homo sapiens

<400> 28618
 ttctgtgaaa taggttctat ttttaattctt aattttacag atgatgaaac tggaatgtca 60
 agaagttcaa taactttcca aaggatctta ctgttagtaa agttgtgaag ccagtca 117

<210> 28619
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 28619
 tctaaattag gtgcaatgac tgttctataa atggaaccac tttataagaa tatgagatcc 60
 ggcaaaatag acaatcaata tttttaaaat gagttaataa tatgacaggd ccagtgagag 120
 aagaaggaca gacaatattg taggaacat tgtgcctgac tagagagaaa tttcaaaata 180
 aagagtgggc a 191

<210> 28620
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 28620
 agcgactaag gtttagtgag gcggcaccgc gcggcccag gcgggtcttg aagcactcgt 60
 tttcccactc gttttccggg gttccccgc ggtgggacag tgagcagttc agggcgccgc 120
 agccgaggcc ttcctccaga aaaagtgtgc cagttcctaa tccaggacac atgtatttac 180
 atgggttgta aacttttctg aacagccagt gggatgtggt aaatatttaa cagcagcttc 240
 tctggaagag aatgtattcg ttagtatgta tttatgtgtg tgtatatagt ttattgtaaa 300
 ttntacttat ttttctatca ctttcttaag accacaagac aattaatava acaaattgaa 360
 ccct 364

<210> 28621
 <211> 174
 <212> DNA
 <213> Homo sapiens

<400> 28621
 taaatttcac atttctttta aagaactctt aaagtgtaac agttacgcca tacttcataa 60
 gtggtaaaga aaggtataaa anttggaaac attttgttgg gcatagtagt gattgggtga 120
 aaaggataaa ttatatnnaa atgagaatgt gctgtaattg gaagtagggg catc 174

<210> 28622

<211> 134

<212> DNA

<213> Homo sapiens

<400> 28622

aattcacaca gagacacatt ccatacacat gcacacacat tccatacaca cacacattcc	60
atacacacac acatattcca tacaacacac ttccatacac acgcacacag acatattcca	120
taatcacacg agac	134

<210> 28623

<211> 206

<212> DNA

<213> Homo sapiens

<400> 28623

caggaatgtt tgtgcctttc catgtgagas agtatggaaa cggaaggtgc aaaasagaag	60
agaagaggcc cagtgaagaga tctggagaca ttcttaaatt tggaattggc aggaaggaga	120
aaaagaaaaa ttggcagtga cagaggaaaa gaaggggtca aagaggaagg aagctgagcc	180
agagaatgca gcatccaggg ggatac	206

<210> 28624

<211> 202

<212> DNA

<213> Homo sapiens

<400> 28624

ggattttgaa aaaggatagg ctctacaaa aagtggaaaa attgtaagaa gggtgaaagg	60
taggttgaaa ggctgagagg tgagagcaag acagatgtgt gggttaagga cagaagtgat	120
gtcacaaaaa aatgcccttt gtttatgtat agatgggatt atttgtgttt gctgaggatg	180
ttttgatatc aggaggagtc cc	202

<210> 28625

<211> 138

<212> DNA

<213> Homo sapiens

<400> 28625

ttgaatcttt tttgggatta ctgaacatcc tgtatctgga tgtctgtatc tcttgcaaga	60
cttaagaaat gtttgactgt tatTTtgcta aataggTTTT ctgtgcctct tcccttctct	120
ttcctgaaac accgagtc	138

<210> 28626

<211> 210

<212> DNA

<213> Homo sapiens

<400> 28626

tacagtagat atgaaaagac attagctgtc gtatgaagat ttcaatgtga aatagccagc	60
attttcttcc tgtaaagtat ttaaatatgt ttttaagtat ttctttgttt gacaggtggg	120
tacatgtcat tattttgtaa tcaaagggtg aaatatatga gtcatgtcag agctaaagat	180
gttttaattt tttctgcttc tcagggcggc	210

<210> 28627

<211> 102
<212> DNA
<213> Homo sapiens

<400> 28627
aagcgagttc cggcgcccag aacggcttca tcctctcgtc ccgtccgcgg caaatgcatg 60
cgcttgga aaacggccacc ctccaggga actcacacct ct 102

<210> 28628
<211> 227
<212> DNA
<213> Homo sapiens

<400> 28628
cattgaaaa atagaaaact tggaaggatg tgaagagctg gcaaaacttg acctgactgt 60
gaatttcatt ggagagctga gcagcattaa aaacttgag cacaatatcc atctgaagga 120
gctctttctc atggggaacc catgtgcttc ctttgaccac tataggaggt tcgtggtagc 180
aactcttcca caattaaagt tcctctttag agagcaaaga ccacctc 227

<210> 28629
<211> 333
<212> DNA
<213> Homo sapiens

<400> 28629
taccttaatc ataggtgacg cagataatca agtagtttat ctgcacaaga ttacggattc 60
tgttttgcta aaagctggaa gttgggctaa aaagattgct gtgaaaagag ctcttaaadc 120
tgaagatctt agcataaatc taataagttc tgartttggt gggcttgata ttcagcagaa 180
acttacagtc ttttacttag aaccaagag gtttggaat caaatcacta tgcaaagaaa 240
atctgaaaca cagatttccc attctaaaca ttcagacata tctacaatag caggacctaa 300
taaaggaacg actgccagca aaaaacctgg tgt 333

<210> 28630
<211> 74
<212> DNA
<213> Homo sapiens

<400> 28630
tgaataaaat gtcacgcctg tncctgttgg tctgcataat aactcttaca gactgaatgt 60
ttgtgttccc ctgt 74

<210> 28631
<211> 188
<212> DNA
<213> Homo sapiens

<400> 28631
tgatgcscct cgtatcgca tcagtcgtca caggattcgt taacgccttg gcgatcctga 60
ttttcatggc gcaactgccag aactcaccgg ggtaacctgg cccgtttacg caatgactgc 120
tgggcgactg gcgattattt acctgttccc aaggctgccg ggcgtaggaa aactgctccc 180
ctcgccgc 188

<210> 28632
<211> 119

<212> DNA
<213> Homo sapiens

<400> 28632
acttgatga tgtgcgtcct ccaagctcgc ctctccctcg ttacccgctc catccacccc 60
ctgcctgcct gcgccaaaca agagccactg catgatgaat tatttaaaac ccgaagccg 119

<210> 28633
<211> 152
<212> DNA
<213> Homo sapiens

<400> 28633
ccatttttct attgggktat tggttcgttc ttcamaaatt ttagaaactc tttatctgtt 60
aaagaaatta tatttttctt tctgtgaaac aagttggaaa tttttttccc ccagtgtgkt 120
acttgtcttg gkamtttacc tawtgtgtgc gg 152

<210> 28634
<211> 309
<212> DNA
<213> Homo sapiens

<400> 28634
cttttcattg taatcactgc tattcttatg accatattct atagcttctt tgctttcctg 60
gtactcacat ttcaatgtga aggacctatt caaatgaatt aaccagaatg aatgagttga 120
tatattagag cacagagtcc aaagagaatc tagctattat tacttcttat aataagtctt 180
aaattcgga tacaggacat tataatgaga gattaaaatt ctatcaagtg tcttaaggat 240
ggacataact aagtagcata agaatgtacc atgttttgct aatgagaaac tctgacttca 300
ttggtggat 309

<210> 28635
<211> 239
<212> DNA
<213> Homo sapiens

<400> 28635
ctaaagccag ggtgtatcag taaaaatgta atcctacccc agtacacatg taaagtagag 60
aattgcatgc aaagtgcggg ttttcatata tggaaatata ctcttttgca ggtgcacctt 120
tgcttctcac ttaggaaata agccgaaaaa ttgacaaccg agcttctctt ttgagaagat 180
caagatactt atttagcaac tggagaacag tgtagtgtaa tggtaaaaga ccaaggctc 239

<210> 28636
<211> 108
<212> DNA
<213> Homo sapiens

<400> 28636
aggcgtttac aagcgagcac aagagcctcc gccggtccg cactgcgctt ccgcttcacc 60
cggagtacag cggtcctggc ggctccata gtggctgccg ctgagcac 108

<210> 28637
<211> 219
<212> DNA
<213> Homo sapiens

<400> 28642
 cctcccttcc ctcccttgct ttcctttcaa agagccaagt cacgctgcac tgcgctccgt 60
 ggagcctttc ccgatgggag aagagaaggg aggcctgaga tgcctttgc tgggatgtgg 120
 agaaacacca tctatatgaa aagcccatc 150

<210> 28643
 <211> 167
 <212> DNA
 <213> Homo sapiens

<400> 28643
 ctcacgcctg gaatcccagc actgtgggag gccgaggcgg gcggatcaca aggtcaggag 60
 atggagacca tcctggctaa cactgtgaaa ccccgctctc actaaaaata caaaaaatta 120
 gccgggcatg gtggcgggag cctgtggtcc cagctactca ggggggc 167

<210> 28644
 <211> 122
 <212> DNA
 <213> Homo sapiens

<400> 28644
 gagtcagaga ggaaatttag gagtctactg cttcttacac agattttgac ctttttattt 60
 atttaaactt tktcttwt ttgttttaag gctgcattac tagccgattc cccccccaa 120
 gt 122

<210> 28645
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 28645
 atatgtacag gtttgctaca caggtatact gcataatgtt gggtttggt tttctttgaa 60
 cccatcacat aaatagttaa tataataccc agtaggcagt ttttaaacc tcactgccct 120
 cctccatt ctgaagtcac cagcgt 147

<210> 28646
 <211> 103
 <212> DNA
 <213> Homo sapiens

<400> 28646
 acacttggt gatatgtttc ttccatccct tcctggccc tggcagaacc tgaatggcgt 60
 gatggtggca gtggcggagc tgctgagcat gaagatcccc ggc 103

<210> 28647
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 28647
 tttataggta atttctatca caaacagtg acatttcctg aaatcaagcc tggtaacacc 60
 tgatgtttat atgatattca gtaaggactt ttacctact gatttcattg agcc 114

<210> 28648
 <211> 99
 <212> DNA
 <213> Homo sapiens

<400> 28648
 aattcctaga aaatctagac agaaaatgaa caataatata gaagacttga atggcactag 60
 tgaacttgat ctgacatata tgtacaatat accaccact 99

<210> 28649
 <211> 368
 <212> DNA
 <213> Homo sapiens

<400> 28649
 aaagaagatc caaataaatg gatagataga ctatgtttat atattgagat atttaatagt 60
 gttaagataa tagagctccc ttaattgagc catagactca gtgcaatcct aatcataatc 120
 taagcaggct tttttgaaga tattggcaag ttggctctca aattacgttg aaaagtcaag 180
 gacccaaaac agccaaacaa ttttgaaaaa gaacaagaaa ggtctttcac tgcctgattt 240
 tagaataaag ctaaggtaat cattacagtg tggaattgac gtaatggtag atgtataaat 300
 taatgggatg caatagaktt cagatgtaga cctgtacaca tgggtcaaag ttttttgaca 360
 cgggagct 368

<210> 28650
 <211> 199
 <212> DNA
 <213> Homo sapiens

<400> 28650
 ttttttattc acagagacag ggaacacagg aggaggtgta gttcttaggg ggatgggtgg 60
 gggacccgtg ttggamrcgt tgcatttgca gcgtctgtgg agtgtgcagg atgcttgctg 120
 tatacttggc tgcacagggg tgaagctcag ggacaagtct gggctggaga ctcagcgtgt 180
 gtttggcaac cgaagccac 199

<210> 28651
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 28651
 ttatagatct tgatattgaa tccatcagtg attcaagaga tacacctatt tgcctaaaac 60
 aacctaaga tgtattggtt atggaatcat gtgttgata gtttcttaag acctgtttcc 120
 tcaaactctg acacagtttt caaagggtggc 150

<210> 28652
 <211> 334
 <212> DNA
 <213> Homo sapiens

<400> 28652
 tctctctcca gcctcagtgc cattcttcct gggaccatga ctccctgaaa ccagttctag 60
 tcagccctct ggcaataagc aaaggctcct tagaatcctg gtagaagggt ctcctcagta 120
 atgtgaggaa ttttaaaatt ccttttttagg taaatatcca ttaagacaga aaaggcaatt 180
 ataaaaatgc cctcagggct tacagttatt cctgggtgat ttggaaattg tgcmaactgg 240

agactccctc aatgtagcca tgctatgcca tggagaaacc gggagggagg ttttaagtcac 300
atcctgacca gatgtcttcc tgaatgtgtg tgag 334

<210> 28653
<211> 215
<212> DNA
<213> Homo sapiens

<400> 28653
ttttcctcat ctttgaaaaa aataggatgt gtgtgtgaat aatctctcta tcatgagctt 60
attttaactg gcatagacgt atacatgagc ctcttaaagt ccttggttgac catgccttta 120
tgttctcagt ttctggccca gaacctggga cattagggag ggtttcaata aatgtcaatc 180
acatcagatt acactcagct tatctgtagg cgatt 215

<210> 28654
<211> 139
<212> DNA
<213> Homo sapiens

<400> 28654
caagtaagaa catcatcaaa gttcactttg tattgtaccc tgtaaaactg tgtgtttgtg 60
tgctttcaaa gatgttggga ttttatttat ctggggacag tgtgtatggt aagacatgac 120
cttctattaa taaaactac 139

<210> 28655
<211> 132
<212> DNA
<213> Homo sapiens

<400> 28655
tggaagagac ghnacctaatt tgttcagttt aagaatgacg aggcctcccg aagtgtctggg 60
attataggcg tgagsaccat gccaggccag tgctaatttt tatctaaatg atagcatgca 120
gcatgccctc tt 132

<210> 28656
<211> 156
<212> DNA
<213> Homo sapiens

<400> 28656
aatgagggtta aatttaacct ttaaaaaatg atttattgtg gctgggcaca gtggctcaca 60
cctgtaatcc cagcactttg ggaggccaag gcagacggat cacttgaggc caggagttga 120
agaccagcct gaccaacacg gcaaaacccc atctcc 156

<210> 28657
<211> 98
<212> DNA
<213> Homo sapiens

<400> 28657
taattcatat aaggtatatt gggtatattg aagtatatat tgtattacaa agacttggtc 60
ttgtatttta aaatgtcagt gcaaaaaata tatgggtg 98

<210> 28658

<211> 152
 <212> DNA
 <213> Homo sapiens

<400> 28658
 ttatttgaaa ggcattgttg ccatgtttgc cactttccct ctttcacatt gaggcgtgca 60
 cttcaactaa gaccatcttg ttgctttat ttgaaagcaa gagagcagag tccacagcct 120
 cattcagttc ccattacaca gcttcctggg cc 152

<210> 28659
 <211> 200
 <212> DNA
 <213> Homo sapiens

<400> 28659
 taaattgctg gttcatgggt aattttatct ctgttttttc agaacagtcg gatggtttcc 60
 caccacagct gcatcacatc acgatcgcac caacgggtgca ggtgtttcag cctctccaaa 120
 tctgtcaggt gttgttatat tctgtttaac ggatagtgac catggaaacg gcaatgagtt 180
 agttccttat ttctttgcca 200

<210> 28660
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 28660
 tatgtgggtc ttctctcttt tgttgttcat tggctctggct taaaagtgtg ttgattttgt 60
 ttatcttttc aaaaaaccaa ctttttatct cattgatttc tgtatttttt taaatttcaa 120
 attcctttac tactgctctg gtcga 145

<210> 28661
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 28661
 gagagagaaa tccacttaca tcaactagaac tgcattgagt gtgagccttg cagggttaaga 60
 gacagactac agtgtcttgc ttctctgcagg aagcagcaat gccgtttgtt tcctaagagg 120
 aattttttat ttagaaaagg aagctttcta tccaggaaat ggctttcctt gtgcgttgct 180
 atgccaactg cccgcagc 198

<210> 28662
 <211> 134
 <212> DNA
 <213> Homo sapiens

<400> 28662
 aaaaacagaa agaaagaaaa agaaaactgc agataaccct atacattaat actggatatct 60
 cgagggtgact cttctgacca aggggtgggta agtgacacat agaacttttc taagagaaga 120
 cagacaagtt gaca 134

<210> 28663
 <211> 262
 <212> DNA

004220"666EFS60

<213> Homo sapiens

<400> 28663

ccttagttca gttagatata tggccatggt ctaatgccac tagctaaact cttgagtttt	60
tctcaaagtc cttctgtatg catgctcttt gacctcaaga tgtaacattc atttagctat	120
ttgttcaata aactatatgc caggctttgg gttagggttct gggcttataa aactgaagac	180
atatgcctgc atttaaaaag ctctacatag tcaactggga gccacaataa acacaaaata	240
catcatttta gactgagggg gt	262

<210> 28664

<211> 80

<212> DNA

<213> Homo sapiens

<400> 28664

ttttaagtgg gccaaactagt tttagatacca tggaatactt agccaaaaga tatttatata	60
atcagagtga atgaggctac	80

<210> 28665

<211> 127

<212> DNA

<213> Homo sapiens

<400> 28665

ctaaaaatag ctttgagatt aaggaaaaat aaataactct tgtacagttc agtattgtct	60
attaaatctg tattggcagt atgtataatg gcatttgctg tggttacaaa atacttcctc	120
tgggcta	127

<210> 28666

<211> 63

<212> DNA

<213> Homo sapiens

<400> 28666

cctcccttcc ctcccttgct ttccctttcaa agagccaagt caygmtgcac tgcgctccgt	60
gga	63

<210> 28667

<211> 140

<212> DNA

<213> Homo sapiens

<400> 28667

tcaggagcat attgtttaat ttccatgtgt tagttttctga agttcctctt gttgatttct	60
agttttattg cactgtggtc agagaagata cttgatatga tttcaatttt ttgaatttgt	120
tgaactttgt tttgtggccc	140

<210> 28668

<211> 114

<212> DNA

<213> Homo sapiens

<400> 28668

cttcctgctg atatcacgca gctaaataat attccaccaa ctcaggaatc ctactatgat	60
---	----

cccaacctgc caccgggtcac taaaagtcta gtaacaaact gtaaaccagt aaca 114

<210> 28669
<211> 89
<212> DNA
<213> Homo sapiens

<400> 28669
gaggacactg gccactagga gaacgcaagc aggggtgctgc atgttctaca ttctgtgaga 60
ggttccgaga gtaaatagaa tctgatggc 89

<210> 28670
<211> 170
<212> DNA
<213> Homo sapiens

<400> 28670
agatgtacac aagttaaagc catatTTTTat ctgggtgagcc ccttaactgt ttctgaagga 60
atgaacgggc agccgggaag gtgtccggct tagacctga caacagacac taccatctg 120
tcagccatgt gcagtgggta gaactcttct tgaaagtcca aagagccaca 170

<210> 28671
<211> 144
<212> DNA
<213> Homo sapiens

<400> 28671
attcaggaac cgcttttagct tcggccccgg ccggccgggc ggggaagact ggtgtggtct 60
ggccatggat gggctcgcta catcaacgga cgacgcgaga ccctgaaccc caaccgagga 120
actggctctg acatccagcc ccct 144

<210> 28672
<211> 289
<212> DNA
<213> Homo sapiens

<400> 28672
tgttaaaaga gataaaagtc aggttaatac tatcttaaac actgagtcag aaaatcatta 60
ctgtatagaa gttgctttcc tgatcaagtc tgaacgtcag ctagtgtctag agaactatTT 120
tctatgactt aactctaacc aagttttatt ttaagctggt tctttgatag aagggccatg 180
aaaatagagt aatgatatag taggagataa gggattgggt ttgtcttttt caataaagat 240
agaagttgct gaaghtttct gaattaataa tgacttagat tgtgacct 289

<210> 28673
<211> 217
<212> DNA
<213> Homo sapiens

<400> 28673
actcatctct tgggcactgt actaggagtg cactggcgtg atcacggcat actgcagcct 60
tgacctccca ggctcaagt atcctcccat ttcagccttc tgagtagctg ggaccacagg 120
tgtgctctgt cataccgggc cagttttttt gtttgtttgt ttgtttttga gatggaatct 180
ggctctgtcg cccaggctgg agtgcagtgg cgcggggg 217

<210> 28674
 <211> 89
 <212> DNA
 <213> Homo sapiens

<400> 28674
 caccttctta gaatcctcag tgcattcttc taggcataga ctgtcaacca attggaatta 60
 ctatgtgaaa tgaaatgtat ttgccaccc 89

<210> 28675
 <211> 358
 <212> DNA
 <213> Homo sapiens

<400> 28675
 tatttgaaga caattcaagt actgtatact tttctttggg gaatattcat tgctttatgg 60
 aatttctttt aatttttgta ctctgttggt aagttcaaata acaattgtac ttttctcttt 120
 cttcaaatag aggaaagaaa gtcactcaca aagtggcaat gtgcaaagga ctacaaaaaa 180
 catctattct ccatctgaga cctagcttta tagagacaat aagaaccact gggaggaaac 240
 cagtgaagtgt cagtggttta ctctagtgtt aaacatttgg ctctggaaaa aaccatgttt 300
 tttataaaat tgcacagcac aagacacaga agcacttttt ataaaattat gaatgaca 358

<210> 28676
 <211> 459
 <212> DNA
 <213> Homo sapiens

<400> 28676
 tcatccaaat ttttaaattg gtgggtacca aagagttcac aaaacagggt tgtatgtagc 60
 acctttcatg caaggcatgc aaaaagccta ttttaaatac actgtgcata ttatagagtt 120
 gtagccacct cacaatgaag tactacagcc tgtgctgtct taatggttta tgtcaggaaa 180
 tgaaaaagat actgtaccaa atctggaatt acaatgggga gtaataatgt atactaaatg 240
 acttttgtat ttttaagttac tttttgtgag tgggtgaattt ttgtgttttt cttttcagct 300
 acacttagtc ctgagatgta ttttttcttt ahrtcttgaa tgaatacaaa aggagcccat 360
 tttataatat aaaccttgat gtacatgttg agatatttgg acaatgaaaa tgccttaaaa 420
 ggcaatgcat atggataaag ttgcacttat aacaccctt 459

<210> 28677
 <211> 226
 <212> DNA
 <213> Homo sapiens

<400> 28677
 gagataggat ttcaccatgt tggccaggct ggtcttaaac tcttgacctc aggtgatcca 60
 cctggcttag cctcccaaag tgctgggatt acaggcgtga gccacagtgc ctgctcatcc 120
 tgtattttctt attcgttctt cctaagcctg ctttgaggcg gtggctgtgg cagctgcttt 180
 cctccattc tcttctcgt tttgtgaggt gctggtctcc atgtgc 226

<210> 28678
 <211> 487
 <212> DNA
 <213> Homo sapiens

<400> 28678

ggaagaagtg tgttgtggct ggaatgtaga gactgtgtgc ttatgcagga cgttatagcc 60
 atgctgtgga gtttggacct tattcagagg gctgtgtgga accagttagt tttannctga 120
 gttgtgaagt tgctacattt acatttgaaa aatctccatt ctggctagtt acgatgagga 180
 agttttgaat ttatagggtg agtagaaaagg tgggggttggc cttcttggat tggaacagca 240
 ataagaagtn gtggaacatg tgggggagta aaaaataatt ttctccvtac tcttcctagt 300
 tcttaggatg gaccctgtat taaaaggcac attaacaaga gagaaaagaa caagtttatt 360
 aacatgtata cctcatatat ccabgggaaa taaccaggga atgagtagtt ctcaaagaga 420
 tggcttagaa atccagatta tatagcatct tcagtaagga gcaatgaatt tttagagaag 480
 agacaaa 487

<210> 28679
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 28679
 attatacttt gctttttggt aagtttaatg atagatgtgt ttatgcttca tacaaagttg 60
 aatgattgat tggcgtgggt gacatatacc atcatgctca tttttttttt twaaagcttt 120
 ttaaaatgcc acctcawvga ggcgaggggg aggcgta 157

<210> 28680
 <211> 72
 <212> DNA
 <213> Homo sapiens

<400> 28680
 ccattaataa gccattttta ctaggcccct atttctttct agaagctcag ggttttctta 60
 gtgcctccca ga 72

<210> 28681
 <211> 152
 <212> DNA
 <213> Homo sapiens

<400> 28681
 acgttcccac cctgtgtcca cttcatgatt cctcgcaagc tgggcccagt cctctcatcc 60
 caagaacaga gccaccgtag ccggagtcct agcctcccaa attcggaaat ccaatccaac 120
 ggtctcagga atgttttcca tcccgccacg ca 152

<210> 28682
 <211> 317
 <212> DNA
 <213> Homo sapiens

<400> 28682
 agagagatat tattattatt attattttct tttttgagac agggctcttg tctgttgccc 60
 aggctgcagt gcactggcgc agtcttggct cactgcaatc tccsgctycc cggttccggg 120
 cgattcttct gcttcagcac caccaagtag ctgggattac aggtgtgtgc caccacgccc 180
 ggctaatttt tgtattttta gtggagatgg ggtcttgccg tattggccag cctggttttg 240
 aactcctgac ctcagggtgat ctgcccacct ctgcctccca aagagctggg attatatgca 300
 tgaccaccca caccgc 317

<210> 28683
 <211> 316

<212> DNA
<213> Homo sapiens

<400> 28683
agcatcaaaa taaatgagtg aattggatca caaccattg aataaaatag acccaaactg 60
atatcaataa atgaataaat caatgggaca gatgggraaac ycytcctack gcacartaca 120
aactartata tgtagaagga atgatggaaa cagataatca ttatttggca accattattg 180
tggtagttaa tacatgcagg agtcttcaat ggatgccaaag gctcatgaag gaacaggata 240
ttggtgagca acacaatata ctcttgtaga acgctaattg aatacaaaaag gagaaaaggt 300
ttgcttgttg tagagg 316

<210> 28684
<211> 388
<212> DNA
<213> Homo sapiens

<400> 28684
ttctgtgtta cagataagga aactaaggct tagttaaatg acttgcttca gtgttccaca 60
ggtgtaacag gtggagtcaa atctcaaaca tagggctgtc agattttgat ggtagtgct 120
cttaatgact gtgattacta aataatatct ggtagttttt aacaatagaa aatgcaactt 180
taaaaaattt ttattgttgt aaaatacaca taacatttac catttttaag tatattgttt 240
gaaccatttt taagcatata gttcagtggc attaagtata ttcacattgt tttgcaacca 300
tgagcancta ttcattctca gaacattatc atcatcctat actaaaactt agaaaatgta 360
cttttaaaact tcttcagttc tcttttaa 388

<210> 28685
<211> 150
<212> DNA
<213> Homo sapiens

<400> 28685
attttactta ctttcccgtc tcattgtcat gtctgaaatt gcagataatg gtggcgggga 60
aagctgttgt gagcattggg tgggtgtgtc ggtggtgact ctttacctgc ttctctgatt 120
agaaagcaaa cttcccaaaa acaggcagac 150

<210> 28686
<211> 234
<212> DNA
<213> Homo sapiens

<400> 28686
cttggccggg tgcagtggct cacacctata atcccagcac tttgggaggc cgaggcgggt 60
ggatcacgag gycaggagty caagaycagc ttggccaaca ttgtgaaacc ccgycctac 120
taaaawtaca aaaattagcc aggcgtgggt gcacgtgcct gwagycccag cwacttgga 180
ggcggaggta ggataattgc ccgaacccgg gaggcagagg ttgcaataag ccaa 234

<210> 28687
<211> 224
<212> DNA
<213> Homo sapiens

<400> 28687
gtcgttattc tgattttaca ggtggggaag tgctagggcc cagagagggt tagagacttg 60
ctggctctca cagccagtga gcagagctgg gcgaggctgg agggtcagct atgggccctc 120

gagatgggtc agccgagagt gaccagactg ctctctaggt tgtgagggtg aggtgggcat 180
ggctgctgtg crstagcccc cggccagact ttcgacgggg tagg 224

<210> 28688
<211> 109
<212> DNA
<213> Homo sapiens

<400> 28688
tattttcaat ttgttttcta acaaaaaaca tagaaataga acaactaggt catgtactct 60
gggcttagct ctcacagtta tgatcagtct cgtttcattt gtacccaac 109

<210> 28689
<211> 127
<212> DNA
<213> Homo sapiens

<400> 28689
cagatgctga ggcaggagaa tcgctggaac ccaggaggcg gaggttgctg tgagccaaga 60
tgctctactg cactccagcc tgggtgacag agacagactc catctcaaaa aaaaaaaaaa 120
aaaaaaa 127

<210> 28690
<211> 436
<212> DNA
<213> Homo sapiens

<400> 28690
atatgcaaag catgcatcag ccacatccat gctatctcct aaagcagtca ttctgaaacc 60
caatctgggg acagtgcaga cttaaataaaa tttcathhwg atttgghntc ccgctgcgaa 120
tgggactgct ttgtctcagc cgacagaamc agcaagccag aaagggaatg aagacatttg 180
gagaagaagc gtttactgaa aggagattcc tgggctggag gaaaaccatg atctacagtt 240
catgttgaca gawattgtat ttttggtcct agatctgact tttgaaatga cttatcacaa 300
attcaaadnt agcaatcatg agtgaagtac ccacgatgtg ctaagcatct acctctgcag 360
atagaagaac acttactggt cctgagcatg ggagggaata gnannhctg ggtcstggcc 420
tcacctcatc aggcac 436

<210> 28691
<211> 105
<212> DNA
<213> Homo sapiens

<400> 28691
tgaaagttcc caataaaca aaaatgataa atatttgaga atcttgatat gctagttgtg 60
ctaattacta tacattttat gtatcaaaac atcactgtat gcccc 105

<210> 28692
<211> 357
<212> DNA
<213> Homo sapiens

<400> 28692
tttggctctgt tcagagattc tatcttttcc tggtttaatc taggagggtt gtatatttct 60
aggaatttat ccactctctc taggttttct agtttatgtg cataaaagtg ttcatagtag 120

ccttgaataa	tcctttgtgt	ttttgtgata	tcagttgtaa	tatctcccat	tttatttcta	180
attgagctta	tttgatctt	ctctcttctt	ttcttggtta	atctcactaa	tagtctatca	240
atwtattga	tcctttcaaa	gaacbagatt	tttgtttcat	twatctttcg	watttycttg	300
tttcaatttc	atntaattct	gctctgatat	ycgtwattyc	ttttcttctg	ctgggcg	357

<210> 28693
 <211> 194
 <212> DNA
 <213> Homo sapiens

<400> 28693						
actttcttca	gacatctcgt	ggggaatttg	actccagtga	atgtgaagtt	aggagacgat	60
atcaagattt	cctttggttg	aagggaac	tggaagaagc	acacccact	ctgattattc	120
caccattgcc	agaaaagttt	atagtaaaag	gaatggtgga	acgctttaac	gatgacttca	180
ttgagacacg	catc					194

<210> 28694
 <211> 153
 <212> DNA
 <213> Homo sapiens

<400> 28694						
tcacaactcc	tgaagacgaa	atactatgag	tccttgcctt	ggacacatct	gtagtagagt	60
aggaaaagat	aaatataacc	caagtaattg	ttacagaatt	ttctgaaata	tactaatggt	120
aaaaggtttt	gtagggttg	tactggggaa	aac			153

<210> 28695
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 28695						
tctgcctgcc	tcggtctccc	aagatgctgg	gattacaggc	gtgagccacc	gtgtctggcc	60
ctccataaca	cttttataaa	ggatgaaaaa	cattctaggc	atgtgtatac	aagaccgttc	120
ttgccaaggg	gtcct					135

<210> 28696
 <211> 439
 <212> DNA
 <213> Homo sapiens

<400> 28696						
ttggacctct	ggatagtaga	tcagggcagg	cacatcatgg	acaagtttca	tacatttctc	60
cgccaattca	ccttgactct	gagctagaaa	gaccctctgt	taaagatatc	tctaccacag	120
gacctcttgg	catgggaagc	actaccacca	gtaccacct	tcggaccaca	actttgagcc	180
caggaaggag	taccaccccg	tcagtgtcag	gaagaagaaa	ccggagtact	agtaccccat	240
ctccagctgt	cgaggactt	gatgacatga	ccacacayst	tccatcagca	tcgtcccaaa	300
tcccagctct	cgaagagacn	stgaggctgt	ggaagccga	gaaatcatgt	ggtttaagac	360
tcgtcaaggr	cagatagcaa	agcagccatg	ccctgcagga	actataggtg	tatcaactta	420
tctatgcctt	gctcctgat					439

<210> 28697
 <211> 243
 <212> DNA

<213> Homo sapiens

<400> 28697

gtgtaaatta gttcaacat tgtggaagat agtgtggcga ttcctcaagg atctagaacc	60
agaaatacca ttgacccag caatcccatc attgggtata tacccaaagg attataaatc	120
attctaatat aaaaacacgt gtacgcatat gtttattgca gcactattca caatggcaaa	180
gacttggaac caaccgggt gctcatcaat gatgggctgg ataaagaaaa tgaggcacat	240
gac	243

<210> 28698

<211> 72

<212> DNA

<213> Homo sapiens

<400> 28698

agaaccttcc tggcgctcg tttgcacctc gctgctccag cctctggggc gcattccaac	60
cttccagcct gc	72

<210> 28699

<211> 160

<212> DNA

<213> Homo sapiens

<400> 28699

aatgtttaga aggtctggag ctcaaaaatg cgttcttcca cattgataat ttagtaaact	60
gagaacattg acatcactac agggcagcat aagaggttgc ttacatgtgg tagcagctct	120
ggtttgattc aagttgctac catgkacatt gacagcacat	160

<210> 28700

<211> 243

<212> DNA

<213> Homo sapiens

<400> 28700

gaattgccag tcttttgtcc tgcacatct tgaacattaa tccacatgtt tcagagctca	60
ccaggcagta ccaatgctct ttccacagct atgaagagct agagaaattc ttgttatggt	120
agaaaaattt cacggttcat ttttgaaact gcatttgtgc gtatgcagtg tagattttat	180
agtgtgttgt gctttcaaga tctaaatcat atataataaa ttaagggaca atggggctga	240
cta	243

<210> 28701

<211> 171

<212> DNA

<213> Homo sapiens

<400> 28701

atttccatca cagcaatgaa aaattaaaga acacttggga aacaggaggc ggcttgtgac	60
tgaccggatc caaaatttga aattcctgcc agagcaacaa ataggtttct gcaaaattca	120
cccaaggcc aaagctccac cgcccaggta gccctcacac aacctccct t	171

<210> 28702

<211> 408

<212> DNA

<213> Homo sapiens

SECRET

```
<400> 28706
tcgcggccct gtccagccgt cctcgcttgc acgttgacct ctgcgcgcgc gagsggcact      60
gcagtcgctc cgaccgcgcg ggcaagcaag accgaggttg ccttttttga atgggatgag    120
tttctgtgk  atgtccgcgc                                     140
```

<210> 28707
<211> 419
<212> DNA
<213> Homo sapiens

<400> 28707
tatctttgcc agaatttagg attaaataag tagaatctgc agtccagctc agccccccaa 60
tgattgttgt ttccgtggaa acagttgaag gctctcaatt aaaactgcct ctgaaggctg 120
gagagagtaa gtattaaaat gagtttgtct gagaagccaa tttttatcct ccaaattaaa 180
cccagagagt gcagatgatc taggaatctc ctgacagttg ggatcatact tctttgtctt 240
tgggggaggg attattttgc tatttcgggc ataggtatgt ttgctagctt gttgcttgct 300
ttgctgagtt gctcagatca tcgtctttgk rccactgag ctctttatgt acaaccatgg 360
atcatgggca agggtttggg agcaatctga tctttgttca gacttgtgag ccgcaacta 419

<210> 28708
<211> 176
<212> DNA
<213> Homo sapiens

<400> 28708
catgtaactt tgtctttcaa ttcgtttttg tttttttttc ctgtaaggag aattagacat 60
agaaaaatta taaatttaag ccttaaaata atgtctgggc cagagtttgt tgttactttt 120
gctgtagatt gtttacttaa agaattaggt gaattttttt ttcctggtag gttacc 176

<210> 28709
<211> 334
<212> DNA
<213> Homo sapiens

<400> 28709
gtgactgcgt ccgtgggtcct cccgtaggaa ccggcggact cggttggcgt tgtggggcag 60
ggggtggtgg agcaagatgg cggtcatct gtcctacggc cgagtgaacc taaacgtgtt 120
gcgcgaggcg gtgctgcgcg agctgcgcga gttcctggac aagtgcgcag gaagcaaggc 180
aatagtttgg gatgaatacc taactggacc ctttggcctg attgcacagt attcactatt 240
gaaggaacat gaagtggaaa aatgttcaca cttaaaggaa atcgtttgcc ggcagctgat 300
gtgaagaata taattttttt tgtcaganca gact 334

<210> 28710
<211> 110
<212> DNA
<213> Homo sapiens

<400> 28710
agagggggcg cagagcaggg cagatggcac caagagtggg tccctcaggc ctcgagcgca 60
cgcatccag cggccacca gaccatgctc cgccgactrg ggcaccaagc 110

<210> 28711
<211> 71
<212> DNA
<213> Homo sapiens

<400> 28711
atgggtttga ttccagagca ggttgcacat tggctcctggg tggctcgcag gctcaggtcg 60
tgcttgggcg c 71

<210> 28712
 <211> 238
 <212> DNA
 <213> Homo sapiens

<400> 28712
 agaaacgtgt tcgctgcccc gaagaaggga aggcgcgagt kagcshaagg aggtactgta 60
 gcaacaagct catcagtaga gaattgacct cttacaacma gmatcaagtt ttytatgaca 120
 tcttcagmac agtcaacatc aagtaatcct ccaataacta caggaagtcg acttgattc 180
 acctgtgggt aaaaagaagt agaagaatgt tattatgtka ttaaaagcaa agaggrra 238

<210> 28713
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 28713
 ttgaagcaga gatctggagc tcagcagaaa gaaaaagatc aacgctaaca gcttgatttg 60
 gggaccctgg aaatgagcag gaatccaagg catcagaaaag ccaggacagc cccacagcac 120
 agggctgcag agagggcagc aggagctcgg gcagcgcagg ggcttgtaa aaggatcatg 180
 gctgttttta cacctgatgc aaggacagaa acacacacaa ggtctggagg attcctgtga 240
 gacagccata catccctatc acttcaaaat aagtgaggac attcctgttt gagaggt 297

<210> 28714
 <211> 107
 <212> DNA
 <213> Homo sapiens

<400> 28714
 ccattcaagc caacaatttc agaaaatgcc tggaaggtaa cagccttccc ccgtgggtag 60
 ctcacagcca atgactgatt gatacgggtg tacagaactg aggctcc 107

<210> 28715
 <211> 185
 <212> DNA
 <213> Homo sapiens

<400> 28715
 cgagaatttt tgcctatcgc cttgtaggac gacatagga ataaactgta ttaggtaccc 60
 agttcctcct tcgtgttact taagagtctg gtgaggtatt taggttgagc gtattctgtt 120
 ctaatgaaga taaatttgac atcctgatgg ctgatcccat gtgctttaga atttgaatcc 180
 cagct 185

<210> 28716
 <211> 222
 <212> DNA
 <213> Homo sapiens

<400> 28716
 gaggcctcca cctcggcagg actgcttcga gctgacctgg actgtgttta gaacagtgtt 60
 tgggtgcactt gtatcctagc tgggtctgat gtcaggatcc ttaccctca agcaatcaaa 120
 aaagttatcc agcttctttc acaaatgaga acttcagacc ttcagcctta attaataact 180
 cattaacgtg aatgaattc cagtgagtga aaacagttgc ct 222

<210> 28717
<211> 219
<212> DNA
<213> Homo sapiens

<400> 28717
ttttaatatt atttccattt tgaaattctc gacacttgaa tgaaggcagt agaggcctct 60
ttttggattt ctcttctaata aacaaaactt tatttaggga aaggtttccc tgtgctatcg 120
taagtttggt ttgagcactg cattcacttt aaaattctgg aggaacaaag gctgggcaca 180
taatcacaaa gccaggcca cacaataatt' cggggttgt 219

<210> 28718
<211> 417
<212> DNA
<213> Homo sapiens

<400> 28718
catccattca tccccctct ccaatcctat caccactgcc ctagttcagg agcttctcat 60
atctcccagc agtctttcat ttgcattcct agtctcaaga attattcctt ccaatcatct 120
atcagcttac cagcacagtt acctttccat taaaataaag atcaaataaa taaataaaaa 180
ctaaacagag gtttcactta aaaacaaaag tgtctctcat gacaaaggca atatatatat 240
atacacatag ttaaaagcct agaaaacaac atatgagtgt gaagaataaa acaaaattca 300
tctataatct cacaaccag aaacacttaa aaagtagtac atgccagvtt cagtggctcg 360
tgcctataat cccaccattt catgaggctg aggtagaaga wcacttgagt caagagt 417

<210> 28719
<211> 248
<212> DNA
<213> Homo sapiens

<400> 28719
gcatcaaaat aaatggctta ttttccattt tagcattaat cacattataa ttgtatttat 60
ttgttgactt gatcattgtc tgtctcccca actagtcctt aaaattgcat gagagcaggg 120
accatctttg ttttattgtg tccgcaacac ttagcacagt gcctggcaca taatcatact 180
taactactta ctaaattgagt aaatgaacca atgaataacc atatacgact ttttgttaac 240
gctgacat 248

<210> 28720 .
<211> 272
<212> DNA
<213> Homo sapiens

<400> 28720
tattgacatc gctgaaagag attgggagaa cagaaacaac ttggaaaaca tatttcagga 60
tatcatccat aagaactttg ccaacatagc tagagagacg aatattcaaa ttcaagaaat 120
gtagagaacc cctgcaaaat acttcacaag aagatcatct ccaagacaca caatcatcag 180
attctccaag gtcggcatga aagaaaaaat gttaaaagca gctagagaga aagtacaggc 240
ctacaaagag aagcacatca gactaacagc ag 272

<210> 28721
<211> 297
<212> DNA
<213> Homo sapiens

<400> 28721
tattaattttt ataatgcagt tttattttttg gaaacatata aatatcagac tgtccttaat 60
tgaaattttg tctttggttt ccaacacccat gatgaagctc ttgcttttta aaaagtagtt 120
agtaaattct gcatgaattt tagtaaaactt taaaaaatag attttttccc taagaaagaa 180
tgtttgtaga atttaaagtg gacagatgcc tgttggagta aaatcaactg caactttttg 240
atgttaattt ttttcctgt gcaattataa actataagca agttaagtga caagccg 297

<210> 28722
<211> 327
<212> DNA
<213> Homo sapiens

<400> 28722
ttgagacaga gtttcactct tgtcaccag gctggagtgc agtggcacga tcttggctca 60
ctgcaacctc tgcctaccgg gttcaagcga ttctcctgcc ttagcctccc gagtagctgg 120
gactacaggc gtgcgccatc atgccagct aatttttgta tttttagtag agatgaggtt 180
tcaccatgtt ggccaggctg gtctcaaact cctgagctca ggtgatccac ctgcctcagc 240
ctcccaaagt gttgggatta caggcatgag ccaccacacc cggcctaagc tatgtgattg 300
atgtgtaag aaaggggaga aaaaaag 327

<210> 28723
<211> 291
<212> DNA
<213> Homo sapiens

<400> 28723
tcattcctca tatgtgacca tcagctttcg ctgcagaggt caaagcactt cgggcattca 60
tgccatcata tacacttgta ccagaggacc taggatatgc caaaatccca cttacaaaat 120
gtcactggga gcaactacat tgtcgaaata agctgttaag gcagcaatca caatttacca 180
gaagtagaca catcccagct ttatggcttc ttgggtgggg ccaatgaatc agttagagat 240
gccttgctca gtgtggtggc cgctaactgc atgtgactat cgagcccgar r 291

<210> 28724
<211> 153
<212> DNA
<213> Homo sapiens

<400> 28724
aacatgaaac agtgcagaga tgaaggagtt gagtagccag aggcagttgg ttaaattagc 60
aaagacaggg gatgtggtga tctgtactcc gtgttttttg tgtatatctt tttaaacact 120
ttgtctttct ctttcatta acccagacgt ggt 153

<210> 28725
<211> 234
<212> DNA
<213> Homo sapiens

<400> 28725
agaatgatgt ggaccagtct cacagacaac agccaagcac agaggaaata ttagctggca 60
gagataacga agagaaaaca ctcggtgaca gatgcacat ctgtcagttt ctgaggagca 120
gttttcaaga aagctgaaaa tgaattgaag aagagagggg ttttgtttga aaggtacagc 180
acagcctaag gacaatttta aacaaaaaat tgaggcaaaa gaagcatgtg actg 234

<210> 28726
<211> 357
<212> DNA
<213> Homo sapiens

<400> 28726
cccactttct agtgaacagc taaaattcct gagagtctct actgttaagg tacctttaat 60
aggataaagc agggaccacc tatctcagtg ggtccatttt tcttttaaaa ttagttatct 120
gaaaaaactt agcagtagtt cccatcttta aggtaagtct ttcatttggt cccattgtg 180
taaaatacta atcaacattt tcaagcttct gtacaacaga ctgcttttgt ctagatttct 240
caactccact tataaagctt atcagttttc agagaggaat gtgaattntt ttctaatagca 300
aataaatgga tatggcagga actacagcat aagtgattat tgtgattctg ggcggac 357

<210> 28727
<211> 175
<212> DNA
<213> Homo sapiens

<400> 28727
cttcttttgc cttctttcac ttgtaataat tatattgcga ttaatccatg ttattgcatg 60
tagcagtggg caattacttt ttatttcaga gtagtagtcc attgtatgaa tataccacat 120
tttccttatt catctatcag ttatttgaca tctagggggg ttccagtttg gggcc 175

<210> 28728
<211> 215
<212> DNA
<213> Homo sapiens

<400> 28728
ttcaggacct tagcaattag cagtgaagta tgaagagctt tttaaaaaat ctttaaaatt 60
gtttcaaatt ttatccaatt aatgtgagcc taattttcaa acctagaatc aaaagtagct 120
gcctttacca caatcctccc tctaatttta tcaccattcg gaatatttca aatcattccc 180
cttgcattha cctatacatt tcaaatgaga gccca 215

<210> 28729
<211> 242
<212> DNA
<213> Homo sapiens

<400> 28729
acagggctgg gtggttaaagg tggctgggag ggggtgaggg cgagcctctc ttgcttcac 60
atttgactag ggagcagggc tctgtgtgca aagacaccag gaaagggacc tgaggggtgt 120
cactggttgc aggtgacttc acagggacag gggaagggaa aggagtagag agtctttaat 180
ttgtactctg gctggtgtat ctctccgtgt gtcctagctt gggaaaaaag aaatgagccc 240
tt 242

<210> 28730
<211> 337
<212> DNA
<213> Homo sapiens

<400> 28730
gaaaagataa aatttcaagg ggccgttgac tgtcacatca aagcagtaat ttgggggttg 60
agaggtggca atactctaca gcaggtgtag agtattahta atctaacaaa tatttcaggt 120

gcctcatgtt ttcacctdat ttgcttgttt aaatcacttt atataaattt catggaaaga 180
 cttgctttgc cagtgtatcc gaaacctctg ttatttctcc atagtatttt ctatagaaga 240
 tctaggatac tttacattat tctgaacat ttacsnccta ctsnacccca cccatattat 300
 gtacctaatt ggtaatttca aagtaragag actttta 337

<210> 28731
 <211> 264
 <212> DNA
 <213> Homo sapiens

<400> 28731
 ttttttccct ttctctctt ccaagatggc cgaaacgggc tccccgtctt aacgatttgg 60
 cgtctccctc gaccaccacc tctttgtgca gcagcccccg ggcagaccct gttccgaggg 120
 caacgctccc cagtcccccc asccccgacc ccggaatcat gcacgagact acacggatca 180
 aaatcacaga gctgaacccc nacctcatgt gtgccctctg cgggggggtac ttcacgcacg 240
 ccaccactat ctggagtggc tgcc 264

<210> 28732
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 28732
 tggaaggaaa ggctcagtgg ggcagcaaca tgcaggtgac actgatccca actcatgact 60
 cagaagtgat gagggaatgg taccaggaga cccatgagaa acagcaagat ctcaacatcr 120
 tgggttttagc aagcagcagc acagtggtc 149

<210> 28733
 <211> 177
 <212> DNA
 <213> Homo sapiens

<400> 28733
 tatcaatttg aaattaatat ggaaaggcya gagagagtgt attaagtgat taaaagatgg 60
 aaactggccg ggcgcggggg ctcacacctg taatcccagc accttgggag gctgaggcgg 120
 gtggatcgct tgaggtcagg agttcaggac cggcctggcc aacatggtga aaccctc 177

<210> 28734
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 28734
 ttatcttgta ataagaatga catgtaggca ccagactgag tttgttaaatt gtgataactta 60
 atgtttgatt gtatctgtaa gagactatct tccaaactct cctcatattt ctttcttta 120
 cactatttag caatatttct tcagctctat tccataaggc agtgggcacc cagatgtttc 180
 catatgcatg g 191

<210> 28735
 <211> 237
 <212> DNA
 <213> Homo sapiens

<400> 28735

acatatatatt atatacacat atagctgttg caatgtaaaa attgtttacg ttacttacca 60
 tcgagtaaga ctgggtgctct aggaaagtgc tctctgtata gacagagacc ttaagacttt 120
 aagatactaa ggcttctggg tataataata ccacattgtc cagttcaagt cacttcaaga 180
 cttctggtat aataatacac attttccttt aagactttaa gatttctgga acaaagt 237

<210> 28736
 <211> 75
 <212> DNA
 <213> Homo sapiens

<400> 28736
 aggggtggcag agatgggtag aggcaangta attctttctt ggaggcaaga gtggaggaaa 60
 ggtagaacag gacgg 75

<210> 28737
 <211> 229
 <212> DNA
 <213> Homo sapiens

<400> 28737
 tactgtatgg ataaatacat aacatacata gatgtatttt ctcttagaa acgtttcctt 60
 ttctctagct tactttattg taagaatata gtatataata catatagcat acaaaatata 120
 tgttattaac tgttgctggg caacagcagg ctatcagtag ttaagtttgg gggaatcaga 180
 attataacctg gattttctac tgtgtacggg cagtgtgcca agccccatt 229

<210> 28738
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 28738
 tctcgaactc ctgagttcag gcaatgcccg ccttggcctc caaaagtgcg aggattacaa 60
 gtgtgagcca ccgtgcccg cctttatcgt acttagcact ttctaacagc ctga 114

<210> 28739
 <211> 274
 <212> DNA
 <213> Homo sapiens

<400> 28739
 agcaggcttc ctactttgac gcctcacgcg ctcttcagct ctctttttct gtgggtctcg 60
 cggctctccc cctctacaat tacgagtagt gccttgagcc gggcggttcgg agaccacac 120
 aggagggaca ggatggggag agcggcatta aaggggtggtg actcaggagt tcaagaccag 180
 cctggccaac atgacgaaac cccgtctcta ccaaaaatac aaaaattagc caggcatgat 240
 ggcggagcgc tgtaatccca cttactcggg tgac 274

<210> 28740
 <211> 220
 <212> DNA
 <213> Homo sapiens

<400> 28740
 tcaacctcat ttccagtcga ttctcaccc agatgttgcc ttgtagctat acagcctggt 60
 tgatctcata tgcgtacgac ttacttattt ctaccctgct ggctttgcat ttaccattct 120

ttctacctag aatttaactt ttttctcccc tttcctaaca tcttggttctt cgtttcagag 180
acagaagagt gtacaagggg caattctttt tttttttttt 220

<210> 28741
<211> 284
<212> DNA
<213> Homo sapiens

<400> 28741
tcctacatgt tcccttkttt ttatkttkat wttwtaagtk atggatacat aatagtcata 60
catatttatg gcttacatgt gatacttkga tgcragcata caatgtgtaa taatcaratc 120
tggrwaactg ggattcccag gagctcaaac atttatkatg tctttgtatt gggaacattc 180
cacatcttct cttctagcta ttttgaaata tagwwtaaat tattgtkaac tatagtcact 240
ctattttgcc atcaarcact agaatttact ctttctgact gtat 284

<210> 28742
<211> 185
<212> DNA
<213> Homo sapiens

<400> 28742
aaacccaaga tgtagaagtt tcagaagaaa cagtagaacc aagtgatgaa ttgatagaat 60
atgattcgcc agaacagttg aatgagcaat tggtgactct ttcacttctt cctgaatcac 120
gatggaaaaa ccttcttaac cttgatgtta ttaagaaaaa gaataaacca aaggaaccac 180
ctcga 185

<210> 28743
<211> 158
<212> DNA
<213> Homo sapiens

<400> 28743
arctctgcag gargggcgcg ggcgccagcc acctggaagt gaaagagaaa tgtccatcgc 60
ttttatcaga ttattttatt ttcagaagtt gtcactctcg gtactaggct tagtacctgg 120
gtgacgaaac catctgtaca acaaactccc gtggcgac 158

<210> 28744
<211> 248
<212> DNA
<213> Homo sapiens

<400> 28744
caaactgaat ggaatgttga aagaataata caataaatgt tcatatttcc tggattcaat 60
aattgttagc agtatgccaa atatgtgtta tctatctacc tattgaatta tcagtctttt 120
gatgtatctt tccctaagta gatagccaga ttatcttcac agaacaattt gaaagtaagt 180
tgcagacata gtaattttta tactcatctt ctataaaaact ataatggtgt taccacacaa 240
gagacaaa 248

<210> 28745
<211> 146
<212> DNA
<213> Homo sapiens

<400> 28745

gagtgggtcac acagcacatt gtttccccca gcaaggacag tgcagcaacg tgtgcagtgc 300
ttctgcccag dgaagcccat taaagatcca gcgccc 336

<210> 28751
<211> 87
<212> DNA
<213> Homo sapiens

<400> 28751
gttggacatt tgggttggtt ccaagtcttt gttgttgtga attgtgcccc agtaaacata 60
cgtgtgcatg tgtctttata gtagcgt 87

<210> 28752
<211> 367
<212> DNA
<213> Homo sapiens

<400> 28752
cagaaaagtc aagtcccagt atttgcaata tcaataaact ctaaaaccga tgtgtgattc 60
taccttcctt actatcttta ctgggcaaatt gccctawttt ttttaattat tattatcttt 120
aacttttggg acacacaaaa atcagcaatt ctcatgaagc gtttgttagt gtggcagact 180
tgtctaattc ctgaaactca ttcattcccct tgagccagcc aatggggagg aataggataa 240
tgcaaacaca tgttttgttt tctcattttc aaataattta ccatgtttaa ataaactttt 300
ctttgttttt tatttgtaga gtcagctaag taccatatt taaatgccgt ctttattatt 360
tttttga 367

<210> 28753
<211> 143
<212> DNA
<213> Homo sapiens

<400> 28753
actcactcgg ccaaggaaac tcccagggcc cgcccaggac ccccaagccg ccgcggacgc 60
agcccaggat ggcggcccag gtgactctgg aggacgcgt gtccaacgtg gacctcctgg 120
aggagctgcc cctgcccgc cat 143

<210> 28754
<211> 301
<212> DNA
<213> Homo sapiens

<400> 28754
gagttacaga tggtcaaatt aatttgcttg gaatttattt atttatttat ttatttttcg 60
agacggagtc tgcctctgtc gccaggtcg gagtgsagtg gtgtgatctc ggctcactgc 120
aaaccgcctc ccgggttcac gccattctcc tgcctcagcc tcctgagtag ctgggactac 180
aggcgcccgc caccacgccc ggctaatttt ttatttggat ttttagtaga gacggggttt 240
ccccgtgtta gccaggatgg tctcgatctc ctgacctcgt gatccccctg cctcrrcctg 300
a 301

<210> 28755
<211> 232
<212> DNA
<213> Homo sapiens

<400> 28755
 ctttgcgatt ctgataagtg aaaatggaat cccagtatag ttttttagtgt acatttttacc 60
 tgttttaagt aagactgagc atatctccac atgtttgaag agtcatttct atttccgttt 120
 ctgtgaacat cctttgcccc tttttttcct gttgggtact gatctttttc ttaatgattt 180
 gctgagatat atacataggg ataattgctc ttttttggtc ctatgaggcg ct 232

<210> 28756
 <211> 434
 <212> DNA
 <213> Homo sapiens

<400> 28756
 tttcttctat gtcttgttta tttcacttag cataatgtcc tctaggttca ctcagtctgt 60
 cacaacttgg caggattttc ttctttttta aggcttgaaa atattccatt ttgtgtgtat 120
 atgtgtatgt atgtatacat acacacacac atacacaagc acacatacac tataatttct 180
 taatccattc aactattgat cgatacttaa attgattcca aatcttggct attgtgaata 240
 atgctgcaat gaacatggga gtacagatat ctcttcaaca tactgagttc aaatcttttg 300
 ggtaaatacc cagatgtggg attgctggat catatgataa ttctattttt aattttttga 360
 gtgacvtcca tgctatcatt cgtantggct atakdanttt acattcctac taatagtgt 420
 caagaattcc tttt 434

<210> 28757
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 28757
 tctcttaggg cctgggtggga aggggatggg ttctcttctc tttgggtctc tgtctttctg 60
 agctccactc ctaccccgag gggttgtctc ttacacttgc actctctcag agtcaatctc 120
 ttgcttggtc tcttatttgg catctccttc ctttctcttt ttctatctag agctcactct 180
 tctgggatag tctctgtcct tctgtgctgt atgtgcgtgt gcctgccg 228

<210> 28758
 <211> 129
 <212> DNA
 <213> Homo sapiens

<400> 28758
 attctctagt agatgacaac atgaaggag aaaccgagaa tcttgggtcta ttttaattcag 60
 cttgcattca taataatatg aatgtttcag tataattttc aatgcaaaaa gataatgtaa 120
 aaaggggta 129

<210> 28759
 <211> 429
 <212> DNA
 <213> Homo sapiens

<400> 28759
 ttaataactt cataaaatag aatgtttgcc agataagaat tttttgttcc ttagcctctt 60
 tattattact gtttttaatt gctattaagt ttgcttatag tatcttgaac aaaaatagtc 120
 acaggatttt aattcatctg taactaaata attctcatta aagtctagcc ttttgagaaa 180
 gcagatgtgc tttggatata tcttccctga aattatgagc tacgtcttcc agcagtttgc 240
 tctgatcaca gctaaaagct accttgaca gagaatatga gtgcctgtca tgtctagaca 300
 gactcctgtt ctcacagtgc cgctggattg agcaagtaga gatctgacag agatgactag 360

cctggatagg aaagactggg gaggaaaatg gggtagagg ctagaatttc atgggaggat 420
tgggttgcg 429

<210> 28760
<211> 190
<212> DNA
<213> Homo sapiens

<400> 28760
catcatagga tcaattctac ctctgtgtag aaagaaacta cagagagttt ttaaaataat 60
tcaaggttgt aaattctttg gagtcctgtt ggacactttc agtaagaaac agcaagagaa 120
ataggggaag acagaggcca ggagctggtt taattgttaa ggtccttggt ttgtatgact 180
gtgagctaca 190

<210> 28761
<211> 136
<212> DNA
<213> Homo sapiens

<400> 28761
aaatgacctg gtaattggca tcccctggca gaaatagcac agaactgttc ccagaggtct 60
tggtggccag ggaaggctgt ggctttgtag ccttggttga gaacaaaggg aaaggcgaca 120
ctgttttcca cctccc 136

<210> 28762
<211> 185
<212> DNA
<213> Homo sapiens

<400> 28762
tataatcctt tgggtatgta tccagtaatg ggatggctgg gtcaaatggt atttctagtt 60
ctagatccct gaggaatcgc cacactgtct tccacaatgg ttgaaccagt ttacagtcct 120
accaacagt taaaagtgtt cctatttctc cacatcctct ccagcacctg ttgtttcctg 180
acttc 185

<210> 28763
<211> 309
<212> DNA
<213> Homo sapiens

<400> 28763
ccatagaaaa aaatggcttt taaagtatt ctttgcttct tagatatagt tactccacat 60
gtaatttggg agttggtatt ttaagaagtt cttttagac ccagctagca caaattgtaa 120
agtatttcta aagtatatac aaagtctaata gccaaagtac aggtgaggat tcatgtcggg 180
gacaaagatg gaaattcaga gattcttaat tcccaactgc cttttatggc tgtaacatgg 240
gttggttgaa gagtgtctgc atgtcatctc agtatgtgtt ataagcaagc attctgaaag 300
gatttgttt 309

<210> 28764
<211> 229
<212> DNA
<213> Homo sapiens

<400> 28764

tgytttctaa	agttgtctga	taatgaaaat	tccttgagga	agaggcacat	tttaaaagta	60
tgatttcctg	acctccagga	aggatcccgg	gaatatckat	ttttaacaag	ctgtctgcaa	120
ttcttatgar	acaagtttca	gaaacactgg	agtagaggwm	agaagtgcct	caagtatagt	180
ttctttgtgt	tattkktaat	atcaatttga	gatataattt	acataccct		229

<210> 28765
 <211> 191
 <212> DNA
 <213> Homo sapiens

<400> 28765						
aattgctgta	ataagatttt	tccttaggat	ctagggtgac	cgatatcttg	gctaggcaaa	60
acttagagga	aggtagacca	ggtatggtgg	cttatgcttg	taatcccagc	actttgggag	120
gctaaggcaa	gaggatcacc	tgaggccagg	agttcaagac	cagcctggcg	aacatgatga	180
aaccccatgc	t					191

<210> 28766
 <211> 157
 <212> DNA
 <213> Homo sapiens

<400> 28766						
tagctggtct	cccttccttt	atctttgtcc	ctcagcctcc	ctggtctctt	cttaacacag	60
cagccagagg	taactgcctg	tgtgttagtt	ccctgttcgc	tcagaggaac	accagaaca	120
cttacaacgg	ttgcaaagcc	ctgtgtggtc	tggcccc			157

<210> 28767
 <211> 387
 <212> DNA
 <213> Homo sapiens

<400> 28767						
aactgaaata	cgttgttaaa	ctcctcactt	ttctacagcc	ttctcttaat	gtagaggaaa	60
taaattaaaa	ctgaaatttg	gggcttttta	tttctacaat	actttttttt	attgcttgca	120
ttcaaataat	ttaaagccgt	gcatgggtgg	tcacacctgt	aatcctaaca	ctttgggagg	180
ccaaagagga	ggatcgcttg	aatccgggag	ttagagacca	gcttgggcag	ccctgtctct	240
acagaaaata	caaagactat	cgggctgtgg	tggcgcatat	ctgaggtccc	agctactcgg	300
gtggctgggg	tgggaggaga	tcgcttgagc	ccgggaggtc	gaggctgcag	tgatccctgg	360
tcatgccact	gtactccaga	ctgagac				387

<210> 28768
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 28768						
catcctctaa	atataaatcc	aaatacctca	gctaagtaat	tctattttat	tatttttact	60
gttatgtatg	tttttaata	tatttcttag	aaagtatagg	ctactggact	tagaataaaa	120
agtccccaaa	cccaaacaaa	tggtttatga	accagagtat	atgtggaaga	ttctttgctg	180
gtcttgctct	gtgtgcatct	gaagcttctt	tggcctagat	tttagcacia	acctgagtat	240
atctcttcta	ctttcatcat	gtgttctgta	ccttcttttt	gtttcattgg	gcatgctagg	300
gaaataggtg	gattttgtgt	gtaatgcc				328

<210> 28769

<211> 263
 <212> DNA
 <213> Homo sapiens

<400> 28769
 ccttaccaca ttccctccta tttcagaggc aggtctctgg gcatatacat atatattttg 60
 tggtcttagt tcctcccttc ctagtgactc ttgtgaaaga tattcaggtt ttctccatcc 120
 taagataaaa attcctttta gcttatctct tcttcagact aactctctgt gctttttttt 180
 tctttaccac caaactacct caacagcctt tcttctactt ctttagtcat cgtgagccac 240
 tatagccaag gtttgtgccc aca 263

<210> 28770
 <211> 169
 <212> DNA
 <213> Homo sapiens

<400> 28770
 caccatgcct ggccataaat gtatatatttt aatgaatcag atttcttaca gaatttgatg 60
 tgagataaat gctttatttc ttgtgtgcat attttagtga aataattgct tgcaaaagtg 120
 ccaattctta aaagatatgg gtttaacccat ttgcttgctc accaccacc 169

<210> 28771
 <211> 462
 <212> DNA
 <213> Homo sapiens

<400> 28771
 ctctgtcgcc caggctgggg tgcagtggcg cgatcttggc tcaactgcggg ctccgcctcc 60
 cgggttcccg ccgttctcct gcctcggcct cccgagtggc tgggacygsa gggcgcccg 120
 catcacgcct ggctaatttt ttgtgttttt ggtagagacg gggtttctact gtgttggcca 180
 ggatggtctc gatctcctga cctcatggtc catccacctc ggccctccaa agtgctggga 240
 ttgcaggcgt cagcaccgtg accagcctga aacaggagca agttctaaac tcaggctcta 300
 gagtcagaaa aggttagagtc aggttctgga tccaaaatgg ggcaagtcac gatcagggtc 360
 tgggaaccaga acaggckcmr gcctaggggc tgagcagggt atcccctggc ctgggagcag 420
 aggacttctg gctgactgct gccgcaacgt tctcaagctg gt 462

<210> 28772
 <211> 256
 <212> DNA
 <213> Homo sapiens

<400> 28772
 atccattcac ccattgaagg atatttggtt atttacagtt tgggatgatt ataaatagaa 60
 gtgctataaa tattcatgta ctagtttgtg ttggaacctt atttttcatt ttttckgtgt 120
 taaataacta ggagtagaat tgctaggcca tatggtaaat ctttgtttgt ttgtttgttt 180
 gtttatttat gagacacagt ttagttcttg ttgtccaggc tggagtgcaa tgggtgcaatc 240
 tcagctcacc accacc 256

<210> 28773
 <211> 379
 <212> DNA
 <213> Homo sapiens

<400> 28773

tttttamtgt	aagcatttat	atctataaat	tccccctgc	gcattgctta	cattgcatcc	60
tctaagtttt	ggtatgtcct	gtgtttgttt	tcatttgttt	ctgttaccta	atTTTTcttc	120
tttgagtgtg	ttgtttaatt	tccataaatt	tgtgaatttc	cagttttctt	ttgttattga	180
tttctaactt	gatttttttg	tggtcagaga	agaaactttg	atatctgtct	ttttaaagtt	240
attaagactt	gtctgarcat	ggtggctcat	gcctgtaatc	ccagcacttt	gggaggccgr	300
ggtgggcgga	tcacttgarg	tcaggagttt	gagaccannc	tggccaacat	ggtgaaccct	360
gtctctacca	aaaaataca					379

<210> 28774
 <211> 213
 <212> DNA
 <213> Homo sapiens

<400> 28774						
ctgccttatt	caccaccca	tccctttatc	attctaacc	catctggcat	tccatccctc	60
catttatcca	tcttcccact	tacccatctt	ctccatccag	cactccgttc	atcagtcctg	120
ctctccctcc	atatttccat	ctgtccattc	atccactcat	tttgccatcc	atacatattc	180
accagcccat	ctcccaatcc	atcgacatac	cct			213

<210> 28775
 <211> 228
 <212> DNA
 <213> Homo sapiens

<400> 28775						
cagttacaat	gatagaggta	acttcacata	ctaaaagaaa	ttaggttacc	atgtgaaaca	60
ttcttcttgg	cttgtgctaa	tgttatcaga	tccaaacagc	atctgaaaga	aaattttcca	120
agtagatgtt	gttctcttgt	tttctgaaat	acatatcata	tgttaaagtg	agagttttta	180
tacatgttga	aagaagttga	atgacataac	aaatagttac	tgtggccc		228

<210> 28776
 <211> 128
 <212> DNA
 <213> Homo sapiens

<400> 28776						
ctctcctgac	atgttttggc	tctttgttct	ccttttcctt	ctgttctttg	cagacttctt	60
tccctctgac	tatcctttca	atttthctgt	ttcccagggt	tctgtcctta	gcctttgatt	120
cgtagccc						128

<210> 28777
 <211> 203
 <212> DNA
 <213> Homo sapiens

<400> 28777						
tgtttaactct	gcacaagata	aaactgtcct	aaattttatt	ctgaagtttt	tcagaattac	60
gtttgtagtt	ttgtattttt	atctttatat	gttgtttagt	ggcatttctt	ctattcagtg	120
tcttcatccc	atcctagagt	tgacagttta	gggaagcttc	tactattaga	catgttaaag	180
aratgattat	ttgaagtggg	gcc				203

<210> 28778
 <211> 106
 <212> DNA

<213> Homo sapiens

<400> 28778

tttttaaagc tcatcagcta tcgttagtgc attttatgtg cagcccagaa caattcttct 60
tcttcactg tggcccaggg aagccaaaag attggacacc cctgcc 106

<210> 28779

<211> 111

<212> DNA

<213> Homo sapiens

<400> 28779

tccatgttgc ccagcaggag gctgaaatgt tcaaacgcta caatggaaca tttccattac 60
ctggaataca ccaaagtcaa gatgccctat gtacctgtcc aaaactaccc c 111

<210> 28780

<211> 176

<212> DNA

<213> Homo sapiens

<400> 28780

ctgggcgtgc accagcacgc ccagctaatt tttgtacttt tagtaaagat ggggtttcac 60
cttgtcggcc aggctggtga ccaggtcacg tctaactctt gacctcaggt gaabtmactc 120
gccttggcct cccaaagtgc tgggattaca ggagtgaacc accacgtcca gcccat 176

<210> 28781

<211> 240

<212> DNA

<213> Homo sapiens

<400> 28781

tttcagacaa ggtgtggctc tgttgcccag gctggagtgc agtggcgcaa tctcagctca 60
ctgtaacctc tgcttcccag gctcaagtcg tgggatttcg ccatgttgct cagctggtct 120
cgaactcatg agctcaagcc atctacctgc ctcagcctcc caaagtgctg gggctatagg 180
tgtgagccac cagcaggat cacttcttg agaacaattg ataatttgta tcaggaggat 240

<210> 28782

<211> 114

<212> DNA

<213> Homo sapiens

<400> 28782

tcttgtggtt aattcacacc actctgccat tcgcgacata aaaaacagga gtctattaga 60
tttaagcatc tggttttcag cagttgtgca ttgtgggtga ccttttgtgg gcat 114

<210> 28783

<211> 254

<212> DNA

<213> Homo sapiens

<400> 28783

atnattatag tttgttcttg tccttatcag aaagaaagta agtccctccg tctcatcctt 60
ccttcactta ttcatcatt ttacttgcc ttagtatatt ggactatatg awaatatagg 120
tgcttgcvcg ctttgagctt acaactcagt gatggagaaa gtacatcatt tacctagcac 180

aaaagctagg gtttgcncctc ttcattgtcta ctct

94

<210> 28789

<211> 90

<212> DNA

<213> Homo sapiens

<400> 28789

cccaaganag aggttaagaa agaaacaccg ccaaaggaag tcaagaagga agttaagaag
gaagagaaga aggaagtga aaaggaagta

60

90

<210> 28790

<211> 124

<212> DNA

<213> Homo sapiens

<400> 28790

cttaatgtma tttttttaar aaaagcagta ggattaagtg tgtgtgtgtr atttaatttg
argatttcca gtatttitytc atgttttaat tarkkgtttt gagacgaggt ctactgtct
cacc

60

120

124

<210> 28791

<211> 200

<212> DNA

<213> Homo sapiens

<400> 28791

tgtcaagcag agtatcatgg ttaaaatact ctatatatttc tgctcaccag aggttgggac
aagtggggat ggagatgagg cgctttctca actcaagcat cagtctgtgc tcagcagagg
tcgggggaaa gtcatagtga agagagcaca aactgagaga tctgggacca agcatggcta
ttattaatat ctacgggctc

60

120

180

200

<210> 28792

<211> 317

<212> DNA

<213> Homo sapiens

<400> 28792

taaagccctt acatatcgag gcatctgggtg ttcattgaaat agtctgttgt gctgttcaac
tttttcactc ttttcttacc tgacttagac aattaactcc tagggctggg ttttccctcc
acattgcgat tccttcaggg tcagattgtc ttagtttctc tctcttcttt gtattgatac
tttatttttt tgggtcttct catttcttca aatgtaattg aatgagggga ctacagacttt
ttctggtttg ataattctagt gtataaatga cctgggtcttt tgatggttca tgaaatcttt
aactccgtca cctctc

60

120

180

240

300

317

<210> 28793

<211> 349

<212> DNA

<213> Homo sapiens

<400> 28793

cattcctcat atttagactg tatatttatg taggtgtgag tgattgcntg gtgcttgctt
gtgccaaagg gctaggcacc ctccaaccct gccaaacttt gtggcctccc aaagcattcc
ttggtdacca argaggcttc aaacctgacc ctcaactctc agtggacccg agtttccctt

60

120

180

ccatgccatt	atthttcagt	gggaagtttt	agaggwgagc	tgttgccac	aatatcaatt	240
ttaagtgttc	atagcagtk	tgtctcctgc	attcttggcw	cctggattta	ccascaagag	300
tccccaaaat	attaatgck	ttcccdwkt	ctaccctcaa	acttatagt		349

<210> 28794
 <211> 246
 <212> DNA
 <213> Homo sapiens

<400> 28794						
catatthtata	gcatggthttc	cctthttatth	tgctgagtag	thttthtata	thttacttht	60
tggtthtatt	thttaaaaac	atthattgaa	atataattta	cacaccaagc	tgthgaccca	120
cctthaaatk	gdacaactca	aatggthttt	agcataatca	taaccatcac	catgaccact	180
thaaaarcaa	caaaaagccc	cakaactatt	atcttagcag	tcaactctgt	thgtcttaac	240
cctccc						246

<210> 28795
 <211> 176
 <212> DNA
 <213> Homo sapiens

<400> 28795						
acagthcttc	atccatactt	agccacatat	ccagtagcca	aaagccacat	gtagctagt	60
gctgtcatac	tggaagtg	caatatagaa	cctthtctat	actgcagaaa	gttctattgg	120
ctagcacctg	ctctagagca	taggaattac	thttthtgth	cacaagctcc	actggc	176

<210> 28796
 <211> 211
 <212> DNA
 <213> Homo sapiens

<400> 28796						
caaaaattta	gctggccatg	gtggtatgta	cctgtagtcc	cagcgacttg	ggaggctggg	60
gmaggagaaa	cacttgaacc	caggaggtgg	aggttgagc	gagccgagat	tgagcccctg	120
castccagcc	tggttgacag	agcgagattg	tctcaaaaag	aaaacaaaaa	ggctattthc	180
atctthtct	gcacattgag	aggacctgac	t			211

<210> 28797
 <211> 178
 <212> DNA
 <213> Homo sapiens

<400> 28797						
thttthtctag	gtgaggttg	tggtattaata	taatagcata	thttcaacta	cccacaaatg	60
cctggaaggg	actaatcatt	cattaaaaaa	cctgtccata	tcgaatggta	atacacacac	120
acatggaata	aactcaccta	cctthaatct	cattatgata	tgthaaatcc	ctgcccct	178

<210> 28798
 <211> 313
 <212> DNA
 <213> Homo sapiens

<400> 28798						
cctagaaatg	tgtataacac	tcagaattgg	gcattgatcc	thaaagcdkc	atcccatcca	60

ccgtattcaa	catctgtcat	ctcttagtgt	ctgcagtcgt	aacctaacct	tgaccttttt	120
tccctctggg	ttgagaaaaac	tttggaact	atttctactt	ggccagggtgt	gggctcaaga	180
gccttactct	ttccatctca	gtttaggggc	gcasagctcc	tcttcccaat	agggtctttt	240
ctgctttccc	tctccttgge	cctagatttg	taatccatga	aaaagcacia	ggctctggct	300
ccttgcggtc	act					313

<210> 28799

<211> 167

<212> DNA

<213> Homo sapiens

<400> 28799

atcaaatacat	gctgtgcagt	tttgtctata	tttgaccctg	ttagattctg	ctttaaggaa	60
tgtcaaagga	aatgtctgaa	tacagagaaa	agacataaac	aaaatcacia	gttaagctgc	120
ttaggctgga	attaatgaaa	tgtcaaaaat	gctttactta	aaccctgt		167

<210> 28800

<211> 148

<212> DNA

<213> Homo sapiens

<400> 28800

cgcttcttgc	atgttcgggtg	ttagtcatcc	agctcaggct	tgtgttgcag	ctgacaatct	60
aggaaagacg	gccttagaga	gtggtgcagg	ccccacactg	acggactgcc	ttagaaaccc	120
gacttctctt	agactttgaa	ccgccaat				148

<210> 28801

<211> 230

<212> DNA

<213> Homo sapiens

<400> 28801

tctatttgaa	agaagccaga	ttaaaaaaat	atatgctata	tgattccatt	tgtataaaat	60
cctagaaaat	gcaaaactaat	ctgtaggcat	agattgcctc	tgttatactg	cgaccatcta	120
caagtacagg	tgccctgtgg	gaattagggc	tcaggaaaagt	ggcacaatgt	tgatcctctg	180
gctactgcta	ttgctctgag	taaaaaactg	tctttgatct	ccgacccccc		230

<210> 28802

<211> 312

<212> DNA

<213> Homo sapiens

<400> 28802

ataacaatga	tggtctgggtt	actgtgatgc	tgaaacagat	ttcaagccag	ataatagctc	60
accatgttgg	ggtaaaatgt	tggtatgttg	cacacagggtg	caagaacttt	gttttttaga	120
gagaccaact	tcttaaatgt	gtaacagtca	cattgtgaag	ggactgcatt	tgtctggatt	180
tcacctgcag	ctgggcccac	agcctgcctg	aggtcagaaa	atttttcatg	acccattttt	240
tacctgaat	tgacaagttt	agaaaacagg	ttaatggact	acttcatcct	cctggacctt	300
ganaagccgg	ca					312

<210> 28803

<211> 93

<212> DNA

<213> Homo sapiens

<400> 28803
aagggtactg aagatgcact gttaaaaaac caaagacggg cgcaaagatt gcttgaagaa 60
atccatgccca tgaaggaatt gaaacctgac atc 93

<210> 28804
<211> 256
<212> DNA
<213> Homo sapiens

<400> 28804
caaaaactct ttgtttaatt aagtcccagc tatttatctt tgtttttatt gcatttgctt 60
ttgggttctt ggtcatgaaa tccttgcata agccaatgcc cagaagggat tttccaatgt 120
tatcatcgag aatttttata gtttcaggtc tcacatttaa gtccttgatc catcttgagt 180
tgatttttct ataagggtgag atatgaggat ccagtttcat tctcttacct gtggcttgcc 240
aattatccca gcattg 256

<210> 28805
<211> 56
<212> DNA
<213> Homo sapiens

<400> 28805
acaatatgca cttaaattta tgatctrwtt acgagacctc actgtatttt racaga 56

<210> 28806
<211> 115
<212> DNA
<213> Homo sapiens

<400> 28806
attcctgtct tcagtttttg cccctattcc gttctttgct gagacttgaa tttaatgcaa 60
aatctttctca cttgggtccct tcttaacttc ttcattttcc tctctgtgct gcgac 115

<210> 28807
<211> 282
<212> DNA
<213> Homo sapiens

<400> 28807
gggagctacc caacctgtgg ttatatggtg ttggtttcca ttttttggtt gtttgcttgt 60
ttccaaaata gccttgcttg gtactgcatg gaaagttcaa gcttttcttc ttgcccgctc 120
agggctggcc tcttccccgt gtcttcacag cgtccctaag gaagattttt gcagcactct 180
ctggagctga ggggagtga atttggtcca gagaaggcgg maggaaatag ttttctgtwt 240
tccttttctc gargtggtg tcctcaggct tccttcacac ct 282

<210> 28808
<211> 115
<212> DNA
<213> Homo sapiens

<400> 28808
atcctactaa acaaaaagac agagtgatgg atgctacaat atctccttaa atgttttgat 60
gatttttcat aaatctaag rgttacctac kckktctkac acrtacacc acaac 115

<210> 28809
<211> 449
<212> DNA
<213> Homo sapiens

<400> 28809
agttcacaaa ataagatcct ttggaacaat tatgcaccat acatgcatat tggatttata 60
tactggatcc aggatgtgac tgattgggaa aaaaatgggt gggckagaca kgtkcaatga 120
aggagccagg magttattta tataacacac ggtaaaccat catctggctc aagggccaac 180
tgcagcatgt gcagcattgg cagtgggtgcc ttagaggtgt cagaactatt tcacacaaac 240
cagtttagga ctacacaaga ttagtaccat ccagcctaca gaatggtact acaagttata 300
gctacctaca ggatataghr cctacagaat atactgtagg attttacaad cgaktcctat 360
ttctaaccctt aggaattgat gtttttccca atccatctta acatcactgc tttaatcaca 420
gatcagntar naggrcaata tgcacamca 449

<210> 28810
<211> 224
<212> DNA
<213> Homo sapiens

<400> 28810
caatcaactc aaaatccttc aaaggctttc cactttcttt agtggcattc agaccccctc 60
tagtttgacc cctacctcca acttgaacct ctgktactct tccgtatgam cattttcctc 120
tagccctgga ctactagtag cgaagtcact agtcacatag gactcatttg aaatatgact 180
agtctcaatt gagatgtaat gtaagtgtaa aatacacagc agaa 224

<210> 28811
<211> 163
<212> DNA
<213> Homo sapiens

<400> 28811
gtcagaatat tgaaatcatt tgtttcttat atttgaagtg gatattaaat ttctagtttt 60
aagtttagaca tagctttata gttaaccaga catgtgaaat aaaattggga tattttgggt 120
gaagaaagga atactgattg tgttatttat tttggacatg acc 163

<210> 28812
<211> 182
<212> DNA
<213> Homo sapiens

<400> 28812
aatattatatt acatgcattt acattaatat tatttacatg catgattatt tattatgagg 60
gaattataaa atgagtatgt gatatgcaga tggttaagaaa agamaaatac aaccaatgac 120
acctgggttt ttgtcctgag taactggcta agaatgatgt cataaactga gatggagaag 180
ac 182

<210> 28813
<211> 213
<212> DNA
<213> Homo sapiens

<400> 28813